



**Lumtec Luminescence Technology Corp.**

**Let U Make Top Efficiency**

## **Organic Electronic Materials for :**

Organic Light-Emitting Diode (OLED)

Organic Photovoltaic (OPV)

Organic Photodiodes (OPD) / Perovskite-based Photodiodes (PPD)

Organic Thin-Film Transistor (OTFT) / Organic Field-Effect Transistor (OFET)

Flexible Printed Electronics

Photonic and Optical Device

Polyimide (PI)

Photoresist (PR)

Metal Organic Frameworks (MOF) / Covalent Organic Frameworks (COF)

Aggregation-Induced-Emission (AIE)

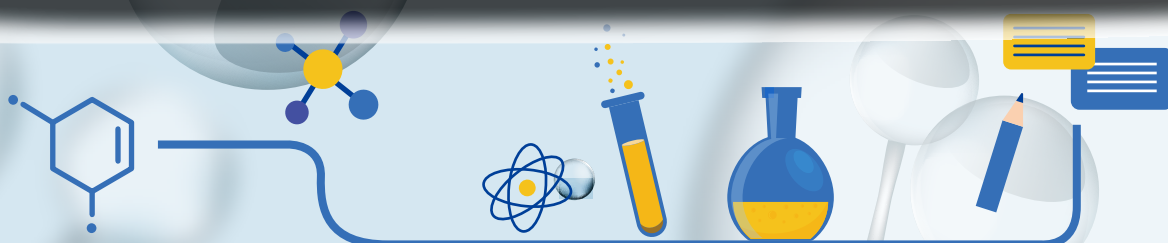
Organic Electrode

Synthetic Intermediates and Reagents

Electrochromic

Electrode / Substrate and Sealing

Custom Synthesis Services



[www.lumtec.com.tw](http://www.lumtec.com.tw)

## Organic Light-Emitting Diode (OLED)

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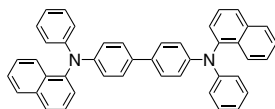
## Custom Synthesis Services

- Custom Synthesis Services----- 627

### LT-E101 | NPB

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-benzidine

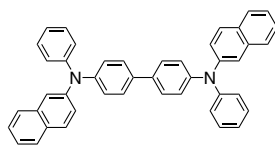
CAS No. :123847-85-8  
 Grade :Sublimed >99.5%  
 Formula :C<sub>44</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :588.74 g/mole  
 UV :339 nm (in THF)  
 PL :450 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)



### LT-E102 | B-NPB

N,N'-Bis(naphthalen-2-yl)-N,N'-bis(phenyl)-benzidine

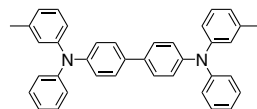
CAS No. :139255-17-7  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :588.74 g/mole  
 UV :349 nm (in THF)  
 PL :416 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)



### LT-E103 | TPD

N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)-benzidine

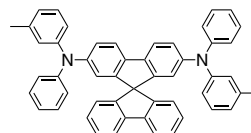
CAS No. :65181-78-4  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :516.67 g/mole  
 UV :352 nm (in THF)  
 PL :398 nm (in THF)  
 TGA :>260 °C (0.5% weight loss)



### LT-E105 | Spiro-TPD

N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)-2,7-diamino-9,9-spirobifluorene

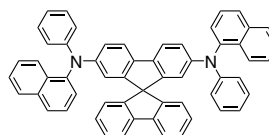
CAS No. :1033035-83-4  
 Grade :Sublimed >99%  
 Formula :C<sub>51</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :678.86 g/mole  
 UV :379 nm (in THF)  
 PL :416 nm (in THF)  
 TGA :>280 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-E106 | Spiro-NPB

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,7-diamino-9,9-spirobifluorene

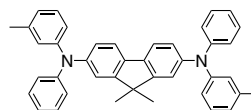
CAS No. :932739-76-9  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :750.93 g/mole  
 UV :380 nm (in THF)  
 PL :453 nm (in THF)  
 TGA :>360 °C (0.5% weight loss)



### LT-E109 | DMFL-TPD

N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)-2,7-diamino-9,9-dimethyl-fluorene

CAS No. :677350-83-3  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :556.74 g/mole  
 UV :376 nm (in THF)  
 PL :401 nm (in THF)  
 TGA :>290 °C (0.5% weight loss)



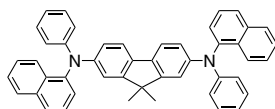
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Transport / Electron Blocking Layer (HTL / EBL)

### LT-E110 | DMFL-NPB

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,7-diamino-9,9-dimethyl-fluorene

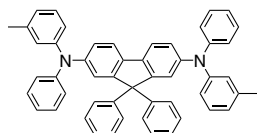
CAS No. :1229226-27-0  
Grade :Sublimed >99%  
Formula :C<sub>47</sub>H<sub>36</sub>N<sub>2</sub>  
M.W. :628.80 g/mole  
UV :381 nm (in THF)  
PL :458 nm (in THF)



### LT-E111 | DPFL-TPD

N,N'-Bis(3-methylphenyl)-N,N'-bis(phenyl)-2,7-diamino-9,9-diphenyl-fluorene

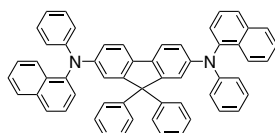
CAS No. :206886-03-5  
Grade :Sublimed >99%  
Formula :C<sub>51</sub>H<sub>40</sub>N<sub>2</sub>  
M.W. :680.88 g/mole  
UV :381 nm (in THF)  
PL :410 nm (in THF)  
TGA :>320 °C (0.5% weight loss)



### LT-E112 | DPFL-NPB

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,7-diamino-9,9-diphenyl-fluorene

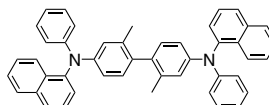
CAS No. :357645-40-0  
Grade :Sublimed >99%  
Formula :C<sub>57</sub>H<sub>40</sub>N<sub>2</sub>  
M.W. :752.94 g/mole  
UV :371 nm (in THF)  
PL :466 nm (in THF)  
TGA :>300 °C (0.5% weight loss)



### LT-E115 | α-NPD

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,2'-dimethylbenzidine

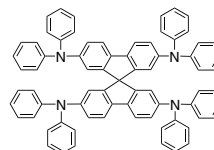
CAS No. :495416-60-9  
Grade :Sublimed >99%  
Formula :C<sub>46</sub>H<sub>36</sub>N<sub>2</sub>  
M.W. :616.79 g/mole  
UV :307 nm (in THF)  
PL :447 nm (in THF)  
TGA :>310 °C (0.5% weight loss)



### LT-E116 | Spiro-TAD

2,2',7,7'-Tetrakis(N,N-diphenylamino)-2,7-diamino-9,9-spirobifluorene

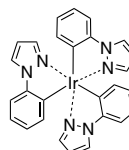
CAS No. :189363-47-1  
Grade :Sublimed >99%  
Formula :C<sub>73</sub>H<sub>52</sub>N<sub>4</sub>  
M.W. :985.22 g/mole  
UV :378 nm (in THF)  
PL :415 nm (in THF)  
TGA :>290 °C (0.5% weight loss)



### LT-N002 | Ir(ppz)3

Tris(phenylpyrazole)iridium

CAS No. :562824-31-1  
Grade :Sublimed >99%  
Formula :C<sub>27</sub>H<sub>21</sub>N<sub>6</sub>Ir  
M.W. :621.71 g/mole  
UV :242, 320 nm (in THF)  
PL :423 nm (in THF)  
TGA :>270 °C (0.5% weight loss)



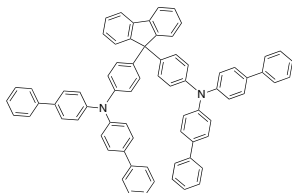


### LT-N120 | BPAPF

**NEW**

9,9-Bis[4-(N,N-bis-biphenyl-4-yl-amino)phenyl]-9H-fluorene

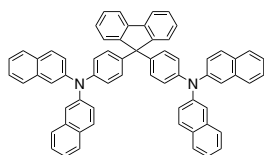
CAS No. :174141-92-5  
 Grade :Sublimed >99%  
 Formula :C<sub>73</sub>H<sub>52</sub>N<sub>2</sub>  
 M.W. :957.21 g/mole



### LT-N121 | NPAPF

9,9-Bis[4-[di(2-naphthyl)amino]phenyl]fluorene

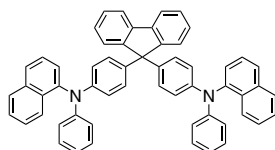
CAS No. :916061-87-5  
 Grade :Sublimed >99%  
 Formula :C<sub>65</sub>H<sub>44</sub>N<sub>2</sub>  
 M.W. :853.06 g/mole  
 UV :322 nm (in THF)  
 PL :418 nm (in THF)  
 TGA :>400 °C (0.5% weight loss)



### LT-N124 | NPBAPF

9,9-Bis[4-[N-(1-naphthyl)anilino]phenyl]fluorene

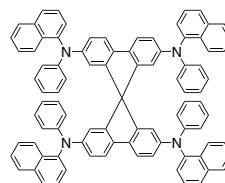
CAS No. :510775-24-3  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>40</sub>N<sub>2</sub>  
 M.W. :752.94 g/mole  
 UV :304 nm (in THF)  
 PL :431 nm (in THF)  
 TGA :>320 °C (0.5% weight loss)



### LT-N125 | Spiro-2NPB

2,2',7,7'-Tetrakis[N-naphthalenyl(phenyl)-amino]-9,9-spirobifluorene

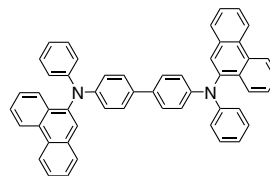
CAS No. :404001-42-9  
 Grade :Sublimed >99%  
 Formula :C<sub>89</sub>H<sub>60</sub>N<sub>4</sub>  
 M.W. :1185.46 g/mole  
 UV :380 nm (in THF)  
 PL :484 nm (in THF)  
 TGA :>420 °C (0.5% weight loss)



### LT-N131 | PAPB

N,N'-Bis(phenanthren-9-yl)-N,N'-bis(phenyl)-benzidine

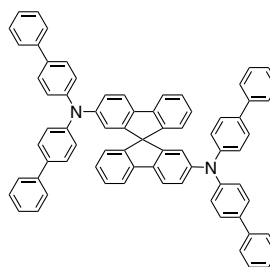
CAS No. :934000-87-0  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :688.86 g/mole  
 UV :336 nm (in THF)  
 PL :454 nm (in THF)  
 TGA :>410 °C (0.5% weight loss)



### LT-N135 | 2,2'-Spiro-DBP

2,2'-Bis[N,N-bis(biphenyl-4-yl)-amino]-9,9-spirobifluorene

CAS No. :1174006-39-3  
 Grade :Sublimed >99%  
 Formula :C<sub>73</sub>H<sub>50</sub>N<sub>2</sub>  
 M.W. :955.19 g/mole  
 UV :349 nm (in THF)  
 PL :413 nm (in THF)  
 TGA :>310 °C (0.5% weight loss)



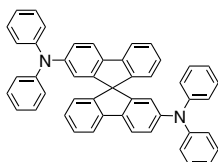
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Transport / Electron Blocking Layer (HTL / EBL)

### LT-N136 | Spiro-BPA

2,2'-Bis(N,N-di-phenyl-amino)-9,9-spirobifluorene

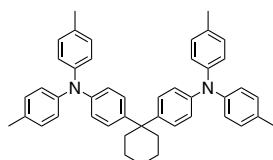
CAS No.	:862664-73-1
Grade	:Sublimed >99%
Formula	:C <sub>49</sub> H <sub>34</sub> N <sub>2</sub>
M.W.	:650.81 g/mole
UV	:348 nm (in THF)
PL	:398 nm (in THF)
TGA	:>310 °C (0.5% weight loss)



### LT-N137 | TAPC

Di-[4-(N,N-di-p-tolyl-amino)-phenyl]cyclohexane

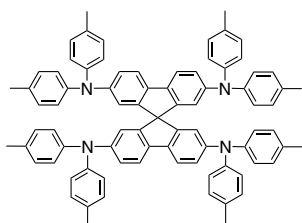
CAS No.	:58473-78-2
Grade	:Sublimed >99.5%
Formula	:C <sub>46</sub> H <sub>46</sub> N <sub>2</sub>
M.W.	:626.87 g/mole
UV	:305 nm (in THF)
PL	:414 nm (in THF)
TGA	:>290 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N138 | Spiro-TTB

2,2',7,7'-Tetra(N,N-di-p-tolyl)amino-9,9-spirobifluorene

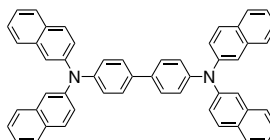
CAS No.	:515834-67-0
Grade	:Sublimed >99%
Formula	:C <sub>81</sub> H <sub>68</sub> N <sub>4</sub>
M.W.	:1097.43 g/mole
UV	:385 nm (in THF)
PL	:409 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



### LT-N139 | β-TNB

N,N,N',N'-Tetra-naphthalen-2-yl-benzidine

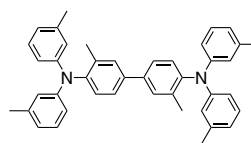
CAS No.	:141752-82-1
Grade	:Sublimed >98%
Formula	:C <sub>52</sub> H <sub>36</sub> N <sub>2</sub>
M.W.	:688.86 g/mole
UV	:354 nm (in THF)
PL	:429 nm (in THF)
TGA	:>410 °C (0.5% weight loss)



### LT-N140 | HMPDP

N,N,N',N'-Tetra-(3-methylphenyl)-3,3'-dimethylbenzidine

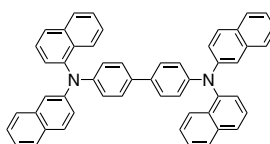
CAS No.	:105465-14-3
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>40</sub> N <sub>2</sub>
M.W.	:572.78 g/mole
UV	:302 nm (in THF)
PL	:399 nm (in THF)
TGA	:>240 °C (0.5% weight loss)



### LT-N141

N,N'-Di(naphthalenyl)-N,N'-di(naphthalen-2-yl)-benzidine

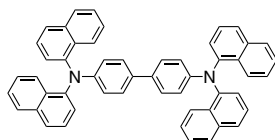
CAS No.	:374592-88-8
Grade	:Sublimed >98%
Formula	:C <sub>52</sub> H <sub>36</sub> N <sub>2</sub>
M.W.	:688.86 g/mole
UV	:345 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:462 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>370 °C (0.5% weight loss)



### LT-N142

N,N,N',N'-Tetra-naphthalenyl-benzidine

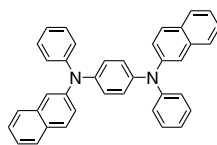
CAS No. :186256-01-9  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :688.86 g/mole  
 UV :297, 362 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :462 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>360 °C (0.5% weight loss)



### LT-N143

N,N'-Di(naphthalen-2-yl)-N,N'-diphenylbenzene-1,4-diamine

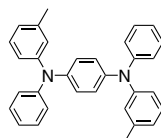
CAS No. :139994-47-1  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>28</sub>N<sub>2</sub>  
 M.W. :512.64 g/mole  
 UV :323 nm (in THF)  
 PL :466 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



### LT-N144 TTP

N,N-Diphenyl-N,N-di-m-tolylbenzene-1,4-diamine

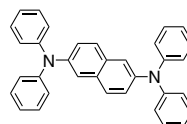
CAS No. :80223-29-6  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>28</sub>N<sub>2</sub>  
 M.W. :440.58 g/mole  
 UV :314 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :439 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)



### LT-N145 NDDP

N<sub>2</sub>,N<sub>2</sub>,N<sub>6</sub>,N<sub>6</sub>-Tetraphenyl-naphthalene-2,6-diamine

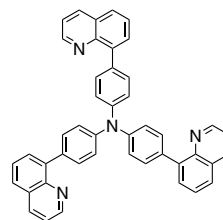
CAS No. :111961-87-6  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>26</sub>N<sub>2</sub>  
 M.W. :462.58 g/mole  
 UV :312, 341 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :438 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)



### LT-N146 TQTPA

Tris(4-(quinolin-8-yl)phenyl)amine

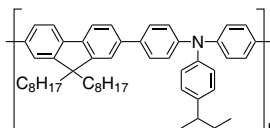
CAS No. :1142945-07-0  
 Grade :Sublimed >99%  
 Formula :C<sub>45</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :626.75 g/mole  
 UV :287, 368 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :431 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-N148 TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(4-sec-butylphenyl)diphenyl)amine)]

CAS No. :220797-16-0  
 Grade :Mw > 30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV :389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :443 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Soluble in CH<sub>2</sub>Cl<sub>2</sub>, Toluene, CHCl<sub>3</sub>



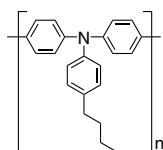
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Transport / Electron Blocking Layer (HTL / EBL)

### LT-N149 | Poly-TPD

Poly[N,N'-bis(4-butylphenyl)-N,N'-bis(phenyl)-benzidine]

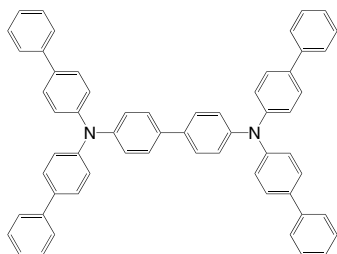
CAS No. :472960-35-3  
Grade :Mw =20,000~200,000 (GPC)  
Formula : $(C_{22}H_{21}N)_n$   
UV :371, 388 nm (in  $CH_2Cl_2$ )  
PL :424 nm (in  $CH_2Cl_2$ )  
Solvent :Soluble in  $CHCl_3$ , Chlorobenzene



### LT-N151 | BPBPA

$N_4,N_4',N_4'',N_4'''$ -Tetra[(1,1'-biphenyl)-4-yl]-(1,1'-biphenyl)-4,4'-diamine

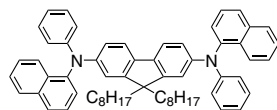
CAS No. :164724-35-0  
Grade :Sublimed >99%  
Formula : $C_{60}H_{44}N_2$   
M.W. :793 g/mole



### LT-N154 | DOFL-NPB

$N_2,N_7$ -Di(naphthalen-1-yl)-9,9-dioctyl- $N_2,N_7$ -diphenyl-9H-fluorene-2,7-diamine

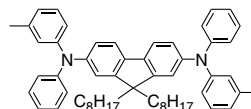
CAS No. :870197-09-4  
Grade :>99%  
Formula : $C_{61}H_{64}N_2$   
M.W. :825.17 g/mole  
UV :382 nm (in THF)  
PL :460 nm (in THF)  
TGA :>250 °C (0.5% weight loss)  
Solvent :Toluene, Chloroform



### LT-N155 | DOFL-TPD

$N,N'$ -Bis(3-methylphenyl)- $N,N'$ -bis(phenyl)-9,9-dioctylfluorene

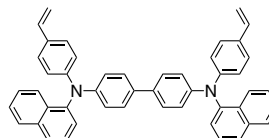
CAS No. :439942-97-9  
Grade :>99%  
Formula : $C_{55}H_{64}N_2$   
M.W. :753.11 g/mole  
UV :376 nm (in THF)  
PL :401 nm (in THF)  
TGA :>250 °C (0.5% weight loss)  
Solvent :Toluene, Chloroform



### LT-N157 | VNPNB

$N_4,N_4'$ -Di(naphthalen-1-yl)- $N_4,N_4'$ -bis(4-vinylphenyl)biphenyl-4,4'-diamine

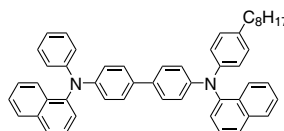
CAS No. :1010396-31-2  
Grade :>98%  
Formula : $C_{48}H_{36}N_2$   
M.W. :640.81 g/mole  
UV :359 nm (in THF)  
PL :450 nm (in THF)  
Solvent :Toluene, Chloroform



### LT-N158 | ONPB

$N_4,N_4'$ -Di(naphthalen-1-yl)- $N_4,N_4'$ -bis(4-octylphenyl)- $N_4,N_4'$ -phenylbiphenyl-4,4'-diamine

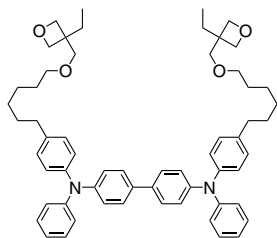
CAS No. :1431521-16-2  
Grade :>99%  
Formula : $C_{52}H_{48}N_2$   
M.W. :700.95 g/mole  
UV :347 nm (film)  
PL :439 nm (film)  
TGA :>300 °C (0.5% weight loss)  
Solvent :Toluene, Chloroform



### LT-N159 | OTPD

$N_4,N_4'$ -Bis(4-(6-((3-ethyloxetan-3-yl)methoxy)hexyl)phenyl)- $N_8,N_8'$ -diphenylbiphenyl-4,4'-diamine

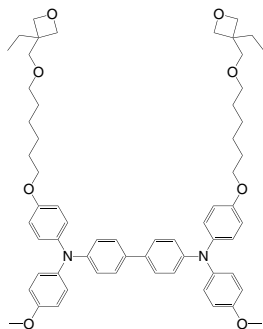
CAS No. :746634-00-4  
 Grade :>99%  
 Formula : $C_{60}H_{72}N_2O_4$   
 M.W. :885.22 g/mole  
 UV :308, 353 nm (in  $CH_2Cl_2$ )  
 PL :410 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



### LT-N160 | QUPD

$N_4,N_4'$ -Bis(4-(6-((3-ethyloxetan-3-yl)methoxy)hexyloxy)phenyl)- $N_8,N_8'$ -bis(4-methoxyphenyl)biphenyl-4,4'-diamine

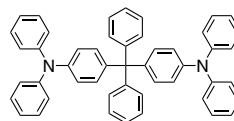
CAS No. :864130-79-0  
 Grade :>99%  
 Formula : $C_{62}H_{76}N_2O_8$   
 M.W. :945.28 g/mole  
 UV :353 nm (in  $CH_2Cl_2$ )  
 PL :439 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



### LT-N162 | TCBPA

4,4'-(Diphenylmethylene)bis(N,N-diphenylaniline)

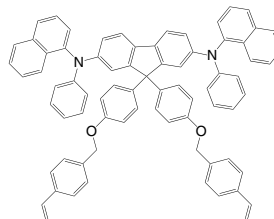
CAS No. :1459723-98-8  
 Grade :Sublimed >99%  
 Formula : $C_{49}H_{38}N_2$   
 M.W. :654.84 g/mole  
 UV :303 nm (in  $CH_2Cl_2$ )  
 PL :374 nm (in  $CH_2Cl_2$ )  
 TGA :>320 °C (0.5% weight loss)



### LT-N164 | VB-FNPD

9,9-Bis[4-[(4-ethenylphenyl)methoxy]phenyl]- $N_2,N_7$ -di-1-naphthalenyl- $N_2,N_7$ -diphenyl-9H-Fluorene-2,7-diamine

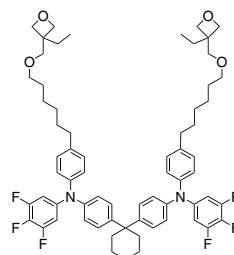
CAS No. :1173170-48-3  
 Grade :>95%  
 Formula : $C_{75}H_{56}N_2O_2$   
 M.W. :1017.26 g/mole  
 UV :354, 378 nm (in  $CH_2Cl_2$ )  
 PL :489 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



### LT-N165 | X-F6-TAPC

$N,N'$ -(4,4'-(Cyclohexane-1,1-diyl)bis(4,1-phenylene))bis(N-(4-(6-(2-ethyloxetan-2-yloxy)hexyl)phenyl)-3,4,5-trifluoroaniline)

CAS No. :1422952-06-4  
 Grade :>99%  
 Formula : $C_{64}H_{72}F_6N_2O_4$   
 M.W. :1047.26 g/mole  
 UV :300 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



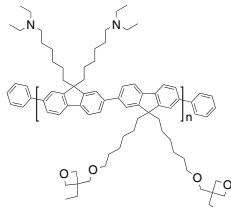
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Transport / Electron Blocking Layer (HTL / EBL)

### LT-N177 | PFN-OX

Poly(2,7-[9,9-bis(6'-(N,N-diethylamino)hexyl)fluorene]-alt-2,7-[9,9-bis(6-((3-ethyloxyetan-3-yl)methoxy)hexyl)fluorene])

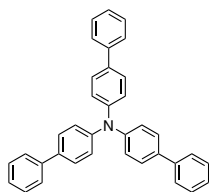
CAS No. :1345045-27-3  
Formula : $(C_{70}H_{102}N_2O_4)_n C_{12}H_{10}$   
UV :378±10 nm (in THF)  
Solvent :Soluble in THF, CHCl<sub>3</sub>



### LT-N178 | TBA

Tri(biphenyl-4-yl)amine

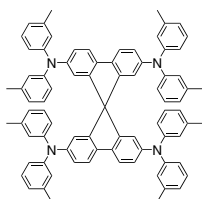
CAS No. :6543-20-0  
Grade :Sublimed >99%  
Formula :C<sub>36</sub>H<sub>27</sub>N  
M.W. :473.61 g/mole  
TGA :> 150 °C (0.5% weight loss)



### LT-N180 | Spiro-mTTB

2,2',7,7'-Octa(m-tolylamine)-9,9-spirobifluorene

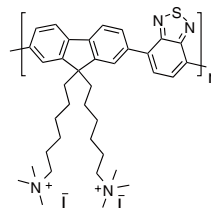
CAS No. :302344-41-8  
Grade :Sublimed >99%  
Formula :C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>  
M.W. :1097.43 g/mole  
UV :378 nm (in THF)  
PL :415 nm (in THF)  
TGA :> 220 °C (0.5% weight loss)



### LT-N181 | PFNIBT

Poly(9,9-bis(6-trimethyl ammoniumiodide)-hexylfluorene-2,7-diyl-alt(benzo[2,1,3]thiadiazol-4,7-diyl))

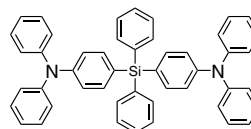
Grade :Mw > 10,000 (GPC)  
Formula : $(C_{35}H_{42}I_2N_4S)_n$   
UV :317448 nm (in DMSO)  
Solvent :Soluble in DMSO



### LT-N182 | TSBPA

4,4'-(Diphenylsilanediyl)bis(N,N-diphenylaniline)

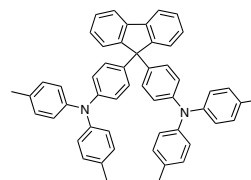
CAS No. :205327-13-5  
Grade :Sublimed >99%  
Formula :C<sub>48</sub>H<sub>38</sub>N<sub>2</sub>Si  
M.W. :670.91 g/mole  
UV :309 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :376 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :> 180 °C (0.5% weight loss)



### LT-N183 | DTAF

4,4'-(9H-fluoren-9-ylidene)bis[N,N-bis(4-methylphenyl)-benzenamine]

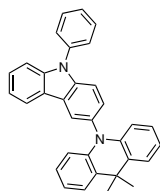
CAS No. :159526-57-5  
Grade :Sublimed >99%  
Formula :C<sub>53</sub>H<sub>44</sub>N<sub>2</sub>  
M.W. :708.93 g/mole  
UV :304 nm (in THF)  
PL :431 nm (in THF)  
TGA :> 300 °C (0.5% weight loss)



### LT-N184 | PCZAC

9,10-Dihydro-9,9-dimethyl-10- (9-phenyl-9H-carbazol-3-yl)-acridine

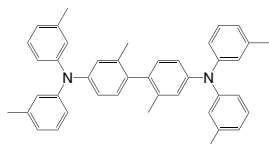
CAS No. :1705584-08-2  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>26</sub>N<sub>2</sub>  
 M.W. :450.57 g/mole



### LT-N186

2,2'-Dimethyl-N<sub>4</sub>,N<sub>4</sub>,N<sub>4</sub>',N<sub>4</sub>'-tetra-m-tolylbiphenyl-4,4'-diamine

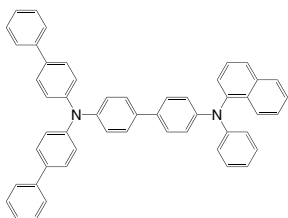
CAS No. :80730-98-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>40</sub>N<sub>2</sub>  
 M.W. :572.78 g/mole



### LT-N187

N<sub>4</sub>,N<sub>4</sub>-Di(biphenyl-4-yl)-N<sub>4</sub>'-(naphthalen-1-yl)-N<sub>4</sub>'-phenyl-biphenyl-4,4'-diamine

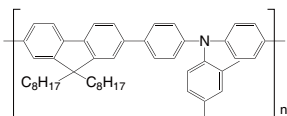
CAS No. :897671-42-0  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :690.87 g/mole



### LT-N188 | PF8-TAA

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(2,4-dimethylphenyl)diphenylamine)]

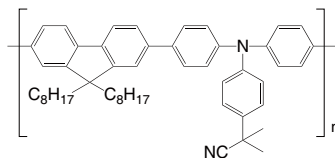
CAS No. :1178569-78-2  
 Grade :Mw =20,000~50,000  
 Formula :(C<sub>49</sub>H<sub>57</sub>N)<sub>n</sub>



### LT-N189 | iPrCN / CNPr-TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(diphenylamine))-(2-cyanoisopropylphenyl))]

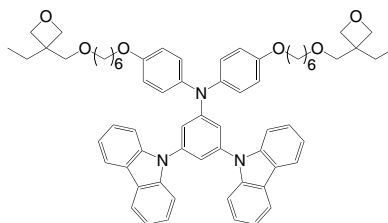
Grade :Mw =10,000~100,000 (GPC)  
 Formula :(C<sub>51</sub>H<sub>58</sub>N<sub>2</sub>)<sub>n</sub>



### LT-N191 | Oxe-DCDPA

3,5-Di-9H-carbazol-9-yl-N,N-bis[4-[[6-[(3-ethyl-3-oxetanyl)methoxy]hexyl]oxy]phenyl]benzenamine

CAS No. :2351818-31-8  
 Grade :>99%  
 Formula :C<sub>66</sub>H<sub>73</sub>N<sub>3</sub>O<sub>6</sub>  
 M.W. :1004.30 g/mole  
 UV :293, 325, 340 nm (in THF)  
 PL :411 nm (in THF)  
 HOMO :-5.80 eV  
 LUMO :-2.25 eV



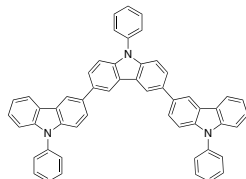
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Transport / Electron Blocking Layer (HTL / EBL)

### LT-N1001 | Tris-PCz

9,9'-Diphenyl-6-(9-phenyl-9H-carbazol-3-yl)-9H,9'H-3,3'-bicarbazole

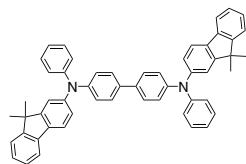
CAS No. : 1141757-83-6  
Grade : Sublimed >99%  
Formula :  $C_{54}H_{35}N_3$   
M.W. : 725.88 g/mole



### LT-N1002 | BF-DPB

$N_4,N_4'$ -Bis(9,9-dimethyl-9H-fluoren-2-yl)- $N_4,N_4'$ -diphenylbiphenyl-4,4'-diamine

CAS No. : 361486-60-4  
Grade : Sublimed >99%  
Formula :  $C_{54}H_{44}N_2$   
M.W. : 720.94 g/mole  
UV : 365 nm (in  $CH_2Cl_2$ )  
PL : 418 nm (in  $CH_2Cl_2$ )  
TGA : >250 °C (0.5% weight loss)

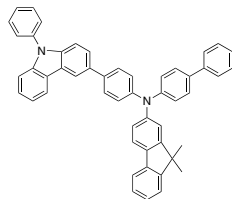


### LT-N1003 | PCbz-PA1

**NEW**

N-(biphenyl-4-yl)-9,9-dimethyl-N-(4-(9-phenyl-9H-carbazol-3-yl)phenyl)-9H-fluoren-2-amine

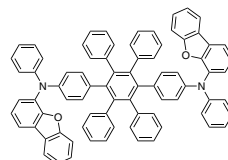
CAS No. : 1242056-42-3  
Grade : Sublimed >99%  
Formula :  $C_{51}H_{38}N_2$   
M.W. : 678.86 g/mole



### LT-N1007 | 4DBFHPB

$N_4,N_4''$ -Bis(4-dibenzofuranyl)- $N_4,N_4''$ ,2',3',5',6'-hexaphenyl-[1,1':4',1''-terphenyl]-4,4''-diamine

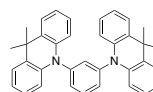
CAS No. : 2280942-02-9  
Grade : Sublimed >99%  
Formula :  $C_{78}H_{58}N_4O_2$   
M.W. : 1049.26 g/mole  
TGA : >250 °C (0.5% weight loss)  
HOMO : -5.20 eV  
LUMO : -1.41 eV



### LT-N1008 | mAP

1,3-Bis(9,9-dimethylacridin-10(9H)-yl)benzene

CAS No. : 1233947-20-0  
Grade : Sublimed >99%  
Formula :  $C_{36}H_{32}N_2$   
M.W. : 492.65 g/mole

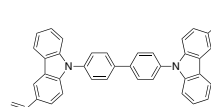


### LT-N1010 | CBP-V

**NEW**

9,9'-([1,1'-Biphenyl]-4,4'-diyl)bis(3-ethenyl-9H-carbazole)

CAS No. : 908147-48-8  
Grade : >99%  
Formula :  $C_{40}H_{28}N_2$   
M.W. : 536.66 g/mole  
UV : 300/343 nm (film)  
PL : 396 nm (film)  
HOMO : -5.22 eV  
LUMO : -1.19 eV

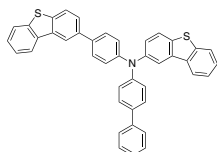




### LT-N1012 | DBTA

N-([1,1'-biphenyl]-4-yl)-N-(4-(dibenzo[b,d]thiophen-2-yl)phenyl)dibenzo[b,d]thiophen-2-amine

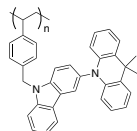
CAS No. :1345621-23-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>27</sub>NS<sub>2</sub>  
 M.W. :609.80 g/mole  
 HOMO :-5.90 eV  
 LUMO :-2.50 eV



### LT-N1015 | P-CzAc

Poly(9,9-dimethyl-10-(9-(4-vinylbenzyl)-9H-carbazol-3-yl)-9,10-dihydroacridine)

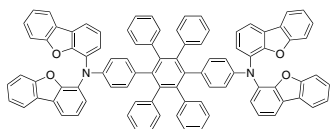
Grade :Mw >6,000  
 Formula :(C<sub>36</sub>H<sub>32</sub>N<sub>2</sub>)<sub>n</sub>  
 HOMO :-5.33 eV  
 LUMO :-1.94 eV  
 PDI :<2



### LT-N1018 | T4DBFHPB

N<sub>4</sub>,N<sub>4</sub>,N<sub>4</sub>''',N<sub>4</sub>''-Tetrakis(4-dibenzofuranyl)-2',3',5',6'-tetraphenyl-[1,1':4',1''-terphenyl]-4,4''-diamine

CAS No. :2488098-22-0  
 Grade :Sublimed >99%  
 Formula :C<sub>90</sub>H<sub>56</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :1229.42 g/mole



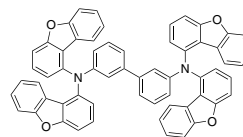
**NEW**

### LT-N1019 | T1DBFBP

**NEW**

N<sub>2</sub>,N<sub>3</sub>,N<sub>3</sub>',N<sub>3</sub>'-Tetrakis(dibenzo[b,d]furan-1-yl)-[1,1'-biphenyl]-3,3'-diamine

Grade :Sublimed >99%  
 Formula :C<sub>60</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :848.94 g/mole

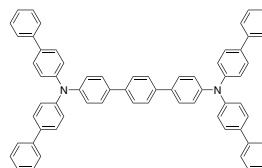


### LT-N1020 | TaTm

**NEW**

N<sub>4</sub>,N<sub>4</sub>,N<sub>4</sub>''',N<sub>4</sub>''-tetra([1,1'-biphenyl]-4-yl)-[1,1':4',1''-terphenyl]-4,4''-diamine

CAS No. :952431-34-4  
 Grade :Sublimed > 99.5%  
 Formula :C<sub>66</sub>H<sub>48</sub>N<sub>2</sub>  
 M.W. :869.1 g/mole

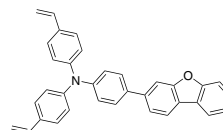


### LT-N1022 | 3-CDTPA

**NEW**

4-(Dibenzo[b,d]furan-3-yl)-N,N-bis(4-vinylphenyl)aniline

Grade :>99%  
 Formula :C<sub>34</sub>H<sub>25</sub>NO  
 M.W. :463.57 g/mole  
 UV :359 nm (films)  
 PL :441 nm (films)  
 HOMO :-5.5 eV  
 LUMO :-2.42 eV

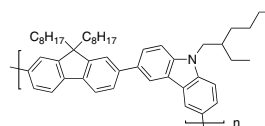


### LT-N1023 | PF8CZ

**NEW**

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(9-ethylhexyl-3,6-carbazole)]

Grade :MW >20,000  
 Formula :(C<sub>49</sub>H<sub>63</sub>N)<sub>n</sub>



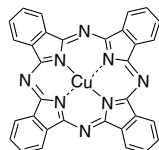
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Hole Injection Layer (HIL)

### LT-E201 | CuPC

Copper(II) phthalocyanine

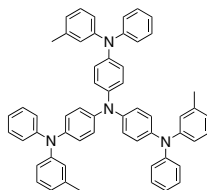
CAS No.	:147-14-8
Grade	:Sublimed >99%
Formula	: $C_{32}H_{16}CuN_8$
M.W.	:576.08 g/mole
UV	:345, 631 nm (in $CH_2Cl_2$ )
PL	:404 nm (film)
TGA	:>430 °C (0.5% weight loss)



### LT-E202 | m-MTDATA

4,4',4''-Tris(N-3-methylphenyl-N-phenyl-amino)-triphenylamine

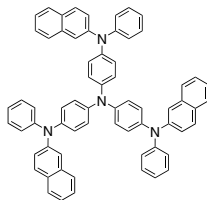
CAS No.	:124729-98-2
Grade	:Sublimed >99%
Formula	: $C_{57}H_{48}N_4$
M.W.	:789.02 g/mole
UV	:312, 342 nm (in THF)
PL	:425 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-E203 | 2T-NATA

4,4',4''-Tris(N-(naphthalen-2-yl)-N-phenyl-amino)-triphenylamine

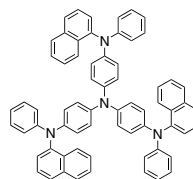
CAS No.	:185690-41-9
Grade	:Sublimed >99%
Formula	: $C_{66}H_{48}N_4$
M.W.	:897.11 g/mole
UV	:326 nm (in THF)
PL	:490 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-E204 | 1T-NATA

4,4',4''-Tris(N-(naphthalen-2-yl)-N-phenyl-amino)-triphenylamine

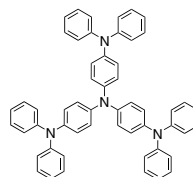
CAS No.	:185690-39-5
Grade	:Sublimed >99%
Formula	: $C_{66}H_{48}N_4$
M.W.	:897.11 g/mole
UV	:339 nm (in THF)
PL	:518 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-E205 | NATA

4,4',4''-Tris(N,N-diphenyl-amino)triphenylamine

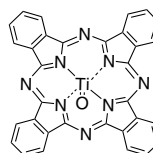
CAS No.	:105389-36-4
Grade	:Sublimed >99%
Formula	: $C_{54}H_{42}N_4$
M.W.	:746.94 g/mole
UV	:341 nm (in THF)
PL	:424 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-E206 | TiOPC

Titanium oxide phthalocyanine

CAS No.	:26201-32-1
Grade	:Sublimed >99%
Formula	: $C_{32}H_{16}N_8OTi$
M.W.	:576.39 g/mole
UV	:349, 692 nm (in $CH_2Cl_2$ )
PL	:392 nm (film)
TGA	:>440 °C (0.5% weight loss)

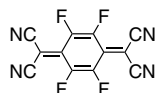


## Hole Injection Layer (HIL)

### LT-E208 | F4-TCNQ

2,3,5,6-Tetrafluoro-7,7,8,8-tetracyano-quinodimethane

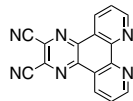
CAS No.	:29261-33-4
Grade	:Sublimed >99%
Formula	:C <sub>12</sub> F <sub>4</sub> N <sub>4</sub>
M.W.	:276.15 g/mole
UV	:394 nm (in Chloroform)
PL	:600 nm (in Chloroform)
TGA	:>210 °C (0.5% weight loss)



### LT-N211 | PPDN

Pyrazino[2,3-f][1,10]phenanthroline-2,3-dicarbonitrile

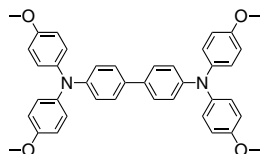
CAS No.	:215611-93-1
Grade	:Sublimed >99%
Formula	:C <sub>16</sub> H <sub>6</sub> N <sub>6</sub>
M.W.	:282.26 g/mole
UV	:307 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:487 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)



### LT-N212 | MeO-TPD

N,N,N',N'-Tetrakis(4-methoxyphenyl)benzidine

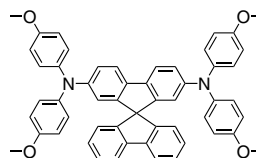
CAS No.	:122738-21-0
Grade	:Sublimed >99%
Formula	:C <sub>40</sub> H <sub>36</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	:608.72 g/mole
UV	:302, 351 nm (in THF)
PL	:429 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



### LT-N213 | MeO-Spiro-TPD

2,7-Bis[N,N-bis(4-methoxy-phenyl)amino]-9,9-spirobifluorene

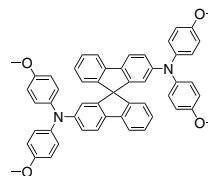
CAS No.	:1138220-69-5
Grade	:Sublimed >99%
Formula	:C <sub>53</sub> H <sub>42</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	:770.91 g/mole
UV	:306, 386 nm (in THF)
PL	:428 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



### LT-N214 | 2,2'-MeO-Spiro-TPD

2,2'-Bis[N,N-bis(4-methoxy-phenyl)amino]-9,9-spirobifluorene

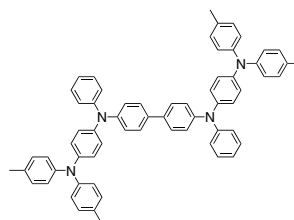
CAS No.	:1174006-40-6
Grade	:Sublimed >99%
Formula	:C <sub>53</sub> H <sub>42</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	:770.91 g/mole
UV	:348 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:442 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>350 °C (0.5% weight loss)



### LT-N215 | NTPNPB

N,N'-Diphenyl-N,N'-di-[4-(N,N-di-p-tolyl-amino)phenyl]benzidine

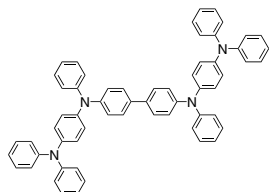
CAS No.	:1394130-64-3
Grade	:Sublimed >99%
Formula	:C <sub>64</sub> H <sub>54</sub> N <sub>4</sub>
M.W.	:879.14 g/mole
UV	:327 nm (in THF)
PL	:458 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-N216 | NPNPB

N,N'-Diphenyl-N,N'-di-[4-(N,N-diphenyl-amino)phenyl] benzidine

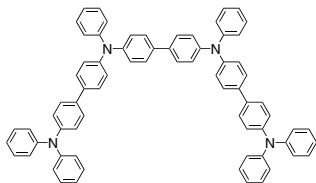
CAS No. :936355-01-0  
 Grade :Sublimed >99%  
 Formula :C<sub>60</sub>H<sub>46</sub>N<sub>4</sub>  
 M.W. :823.03 g/mole  
 UV :324 nm (in THF)  
 PL :451 nm (in THF)  
 TGA :>370 °C (0.5% weight loss)



### LT-N218 | TPT1

N<sub>4</sub>N<sub>4'</sub>-(Biphenyl-4,4'-diyl)bis(N<sub>4</sub>N<sub>4'</sub>N<sub>4'</sub>-triphenylbiphenyl-4,4'-diamine)

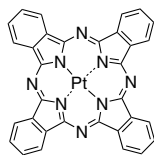
CAS No. :167218-46-4  
 Grade :Sublimed >99%  
 Formula :C<sub>72</sub>H<sub>54</sub>N<sub>4</sub>  
 M.W. :975.23 g/mole  
 UV :394 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :419 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)



### LT-N219 | PtPC

Phthalocyanine platinum

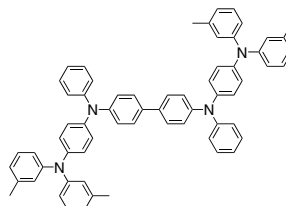
CAS No. :14075-08-2  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Pt  
 M.W. :707.6 g/mole  
 UV :228, 270 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :372.5 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>460 °C (0.5% weight loss)



### LT-N220 | DNTPD

N<sub>1</sub>N<sub>1'</sub>-(Biphenyl-4,4'-diyl)-bis(N<sub>1</sub>-phenyl-N<sub>4</sub>N<sub>4'</sub>-di-m-tolylbenzene-1,4-diamine)

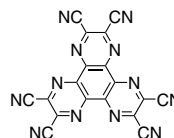
CAS No. :199121-98-7  
 Grade :Sublimed >99%  
 Formula :C<sub>64</sub>H<sub>54</sub>N<sub>4</sub>  
 M.W. :879.14 g/mole  
 UV :327 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :473 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



### LT-N221 | HAT-CN

Dipyrazino[2,3-f:2',3'-h]quinoxaline-2,3,6,7,10,11-hexacarbonitrile

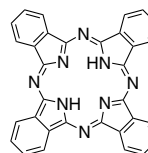
CAS No. :105598-27-4  
 Grade :Sublimed >99%  
 Formula :C<sub>18</sub>N<sub>12</sub>  
 M.W. :384.27 g/mole  
 UV :282, 321 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :422 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>400 °C (0.5% weight loss)  
 Solvent :2-Propanone



### LT-N222 | H2PC

Phthalocyanine

CAS No. :574-93-6  
 Grade :Sublimed >98%  
 Formula :C<sub>32</sub>H<sub>18</sub>N<sub>8</sub>  
 M.W. :514.54 g/mole  
 UV :279, 693 nm  
 PL :418 nm  
 TGA :>350 °C (0.5% weight loss)

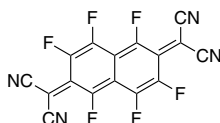


## Hole Injection Layer (HIL)

### LT-N223 | F6TCNNQ

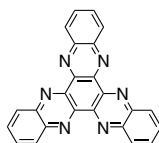
**NEW**

1,3,4,5,7,8-hexafluorotetracyanonaphthoquinodimethane  
 CAS No. :912482-15-6  
 Grade :Sublimed >98% (By Element Analysis)  
 Formula :C<sub>16</sub>F<sub>6</sub>N<sub>4</sub>  
 M.W. :362.19 g/mole



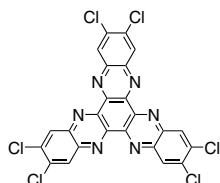
### LT-N224 | HATNA

Diquinoxalino[2,3-a:2',3'-c]phenazine  
 CAS No. :214-83-5  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>12</sub>N<sub>6</sub>  
 M.W. :384.39 g/mole  
 UV :295, 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :594 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>340 °C (0.5% weight loss)



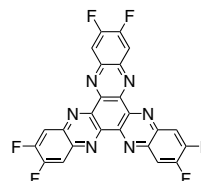
### LT-N225 | HATNA-Cl6

2,3,8,9,14,15-Hexachlorodiquinoxalino[2,3-a:2',3'-c]phenazine  
 CAS No. :389121-44-2  
 Grade :Sublimed >98%  
 Formula :C<sub>24</sub>H<sub>6</sub>N<sub>6</sub>Cl<sub>6</sub>  
 M.W. :591.06 g/mole  
 UV :305 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :425 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



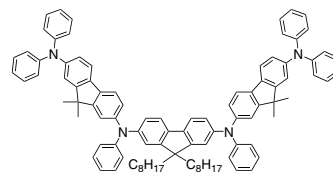
### LT-N226 | HATNA-F6

2,3,8,9,14,15-Hexafluorodiquinoxalino[2,3-a:2',3'-c]phenazine  
 CAS No. :872140-95-9  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>6</sub>N<sub>6</sub>F<sub>6</sub>  
 M.W. :492.34 g/mole  
 UV :285 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :427 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



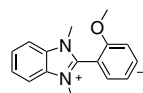
### LT-N260 | 3FTPD-C8

N<sub>2</sub>,N<sub>2</sub>'-(9,9-Dioctyl-9H-fluorene-2,7-diyl)bis(9,9-dimethyl-N<sub>2</sub>,N<sub>7</sub>,N<sub>7</sub>-triphenyl-9H-fluorene-2,7-diamine)  
 CAS No. :2412595-08-3  
 Grade :>97%  
 Formula :C<sub>95</sub>H<sub>94</sub>N<sub>4</sub>  
 M.W. :1291.79 g/mole  
 UV :378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :426 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-N261 | MeOPBI

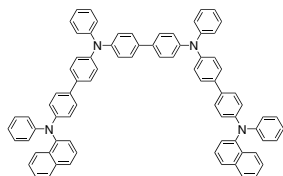
2-(2-Methoxyphenyl)-1,3-dimethyl-1H-benzoimidazol-3-ium iodide  
 CAS No. :626606-31-3  
 Grade :>99%  
 Formula :C<sub>16</sub>H<sub>17</sub>IN<sub>2</sub>O  
 M.W. :380.22 g/mole



### LT-N2001 | Di-NPB

$N_4, N_4'$ -(Biphenyl-4,4'-diyl)bis( $N_4'$ -(naphthalen-1-yl)- $N_4, N_4'$ -diphenylbenzene-1,4-diamine)

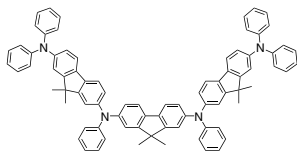
CAS No. :292827-46-4  
 Grade :>99%  
 Formula : $C_{80}H_{58}N_4$   
 M.W. :1075.34 g/mole  
 TGA :>300 °C (0.5% weight loss)



### LT-N2002 | 3DMFL-BPA

$N_2, N_2'$ -(9,9-Dimethyl-9H-fluorene-2,7-diyl)bis(9,9-dimethyl- $N_2, N_7, N_7'$ -triphenyl-9H-fluorene-2,7-diamine)

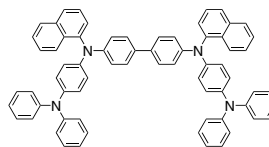
CAS No. :354987-71-6  
 Grade :Sublimed >99%  
 Formula : $C_{81}H_{66}N_4$   
 M.W. :1095.42 g/mole  
 UV :378 nm (in  $CH_2Cl_2$ )  
 PL :426 nm (in  $CH_2Cl_2$ )  
 TGA :>300 °C (0.5% weight loss)



### LT-N2003 | NPB-DPA

$N_1, N_1'$ -(Biphenyl-4,4'-diyl)bis( $N_1'$ -(naphthalen-1-yl)- $N_4, N_4'$ -diphenylbenzene-1,4-diamine)

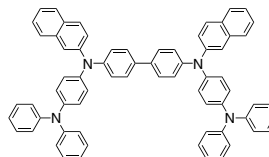
CAS No. :910058-11-6  
 Grade :Sublimed >99%  
 Formula : $C_{68}H_{50}N_4$   
 M.W. :923.15 g/mole  
 UV :311, 355 nm (in  $CH_2Cl_2$ )  
 PL :516 nm (in  $CH_2Cl_2$ )  
 TGA :>300 °C (0.5% weight loss)



### LT-N2004 | $\beta$ -NPB-DPA

$N_2, N_1'$ -(Biphenyl-4,4'-diyl)bis( $N_1'$ -(naphthalen-2-yl)- $N_4, N_4'$ -diphenylbenzene-1,4-diamine)

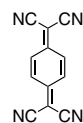
CAS No. :1207378-72-0  
 Grade :Sublimed >99%  
 Formula : $C_{68}H_{50}N_4$   
 M.W. :923.15 g/mole  
 UV :311, 355 nm (in  $CH_2Cl_2$ )  
 PL :516 nm (in  $CH_2Cl_2$ )  
 TGA :>300 °C (0.5% weight loss)



### LT-S973 | TCNQ

7,7,8,8-Tetracyanoquinodimethane

CAS No. :1518-16-7  
 Grade :Sublimed >99% (HPLC)  
 Formula : $C_{12}H_4N_4$   
 M.W. :204.19 g/mole  
 UV :259,404 nm (in  $CH_2Cl_2$ )  
 TGA :>210 °C (0.5% weight loss)

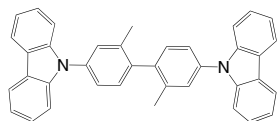


## Phosphorescent Host

### LT-E414 | CDBP

4,4'-Bis(carbazol-9-yl)-2,2'-dimethylbiphenyl

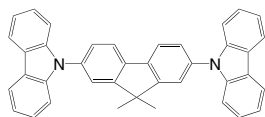
CAS No. :604785-54-8  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>28</sub>N<sub>2</sub>  
 M.W. :512.64 g/mole  
 UV :292, 340 nm (in THF)  
 PL :349, 364 nm (in THF)  
 TGA :>280 °C (0.5% weight loss)



### LT-N415 | DMFL-CBP

2,7-Bis(carbazol-9-yl)-9,9-dimethylfluorene

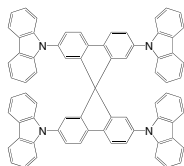
CAS No. :226958-06-1  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>28</sub>N<sub>2</sub>  
 M.W. :524.65 g/mole  
 UV :293, 341 nm (in THF)  
 PL :363 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)



### LT-N416 | Spiro-CBP

2,2',7,7'-Tetrakis(carbazol-9-yl)-9,9-spirobifluorene

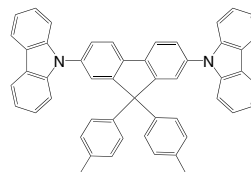
CAS No. :214078-86-1  
 Grade :Sublimed >99%  
 Formula :C<sub>73</sub>H<sub>44</sub>N<sub>4</sub>  
 M.W. :977.16 g/mole  
 UV :292, 342 nm (in THF)  
 PL :370 nm (in THF)  
 TGA :>480 °C (0.5% weight loss)



### LT-N418 | DPFL-CBP

2,7-Bis(carbazol-9-yl)-9,9-ditylfluorene

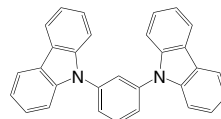
CAS No. :1174006-50-8  
 Grade :Sublimed >99%  
 Formula :C<sub>51</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :676.84 g/mole  
 UV :293, 344 nm (in THF)  
 PL :367 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)



### LT-E107 | MCP

1,3-Bis(carbazol-9-yl)benzene

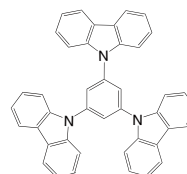
CAS No. :550378-78-4  
 Grade :Sublimed >99.5%  
 Formula :C<sub>30</sub>H<sub>20</sub>N<sub>2</sub>  
 M.W. :408.49 g/mole  
 UV :292, 338 nm (in THF)  
 PL :360 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)



### LT-E108 | TCP

1,3,5-Tris(carbazol-9-yl)benzene

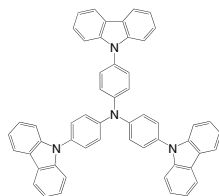
CAS No. :148044-07-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :573.68 g/mole  
 UV :292, 337 nm (in THF)  
 PL :358 nm (in THF)  
 TGA :>310 °C (0.5% weight loss)



### LT-E207 | TcTa

4,4',4'-Tris(carbazol-9-yl)triphenylamine

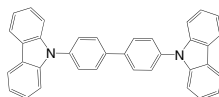
CAS No. :139092-78-7  
 Grade :Sublimed >99.5%  
 Formula :C<sub>54</sub>H<sub>36</sub>N<sub>4</sub>  
 M.W. :740.89 g/mole  
 UV :293, 326 nm (in THF)  
 PL :385 nm (in THF)  
 TGA :>410 °C (0.5% weight loss)



### LT-E409 | CBP

4,4'-Bis(carbazol-9-yl)biphenyl

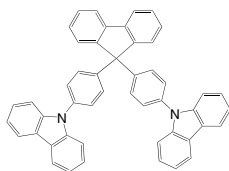
CAS No. :58328-31-7  
 Grade :Sublimed >99.5%  
 Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>  
 M.W. :484.59 g/mole  
 UV :292, 318 nm (in THF)  
 PL :369 nm (in THF)  
 TGA :>320 °C (0.5% weight loss)



### LT-N419 | FL-2CBP

9,9-Bis[4-(carbazol-9-yl)-phenyl]fluorene

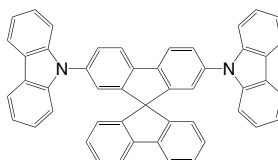
CAS No. :1431945-64-0  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :648.79 g/mole  
 UV :292, 340 nm (in THF)  
 PL :364 nm (in THF)  
 TGA :>370 °C (0.5% weight loss)



### LT-N420 | Spiro-2CBP

2,7-Bis(carbazol-9-yl)-9,9-spirobifluorene

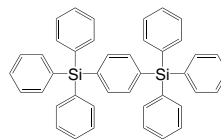
CAS No. :924899-38-7  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>30</sub>N<sub>2</sub>  
 M.W. :646.78 g/mole  
 UV :293, 343 nm (in THF)  
 PL :367 nm (in THF)  
 TGA :>420 °C (0.5% weight loss)



### LT-N448 | UGH-2

1,4-Bis(triphenylsilyl)benzene

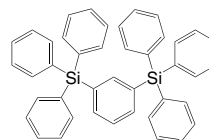
CAS No. :40491-34-7  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>34</sub>Si<sub>2</sub>  
 M.W. :594.89 g/mole  
 UV :265 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :296 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)



### LT-N449 | UGH-3

1,3-Bis(triphenylsilyl)benzene

CAS No. :18920-16-6  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>34</sub>Si<sub>2</sub>  
 M.W. :594.89 g/mole  
 UV :265 nm (in THF)  
 PL :301, 418 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



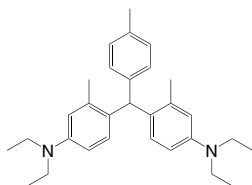


## Phosphorescent Host

### LT-N450 | MPMP

Bis(4-N,N-diethylamino-2-methylphenyl)-4-methylphenylmethane

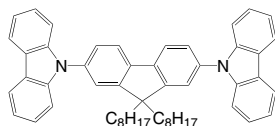
CAS No.	:70895-80-6
Grade	:> 99%
Formula	:C <sub>30</sub> H <sub>40</sub> N <sub>2</sub>
M.W.	:428.65 g/mole
UV	:272, 309 nm (in THF)
PL	:349 nm (in THF)
TGA	:> 190 °C (0.5% weight loss)



### LT-N451 | DOFL-CBP

2,7-Bis(carbazol-9-yl)-9,9-dioctylfluorene

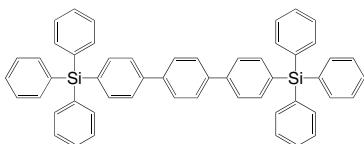
CAS No.	:848900-30-1
Grade	:> 99%
Formula	:C <sub>53</sub> H <sub>56</sub> N <sub>2</sub>
M.W.	:721.03 g/mole
UV	:292, 340 nm (in THF)
PL	:362 nm (in THF)
TGA	:> 310 °C (0.5% weight loss)



### LT-N482 | BST

4,4''-Di(triphenylsilyl)-p-terphenyl

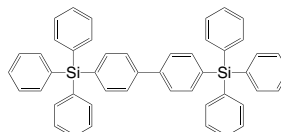
CAS No.	:1046146-39-7
Grade	:Sublimed > 99%
Formula	:C <sub>54</sub> H <sub>42</sub> Si <sub>2</sub>
M.W.	:747.08 g/mole
UV	:296 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:358 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 360 °C (0.5% weight loss)



### LT-N483 | BSB

4,4'-Di(triphenylsilyl)-biphenyl

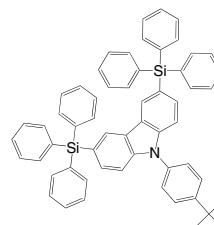
CAS No.	:18826-13-6
Grade	:Sublimed > 99%
Formula	:C <sub>48</sub> H <sub>38</sub> Si <sub>2</sub>
M.W.	:670.99 g/mole
UV	:271 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:432 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 320 °C (0.5% weight loss)



### LT-N484 | CzSi

9-(4-tert-Butylphenyl)-3,6-bis(triphenylsilyl)-9H-carbazole

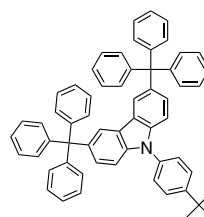
CAS No.	:898546-82-2
Grade	:Sublimed > 99%
Formula	:C <sub>58</sub> H <sub>49</sub> NSi <sub>2</sub>
M.W.	:816.19 g/mole
UV	:275, 301 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:354 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 320 °C (0.5% weight loss)



### LT-N485 | CzC

9-(4-tert-Butylphenyl)-3,6-ditrityl-9H-carbazole

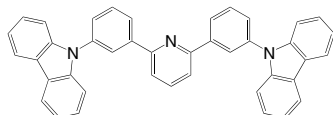
CAS No.	:956373-04-9
Grade	:Sublimed > 99%
Formula	:C <sub>60</sub> H <sub>49</sub> N
M.W.	:784.04 g/mole
UV	:277, 305 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:369 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 330 °C (0.5% weight loss)



## LT-N491 | 26DCzPPy

2,6-Bis(3-(9H-carbazol-9-yl)phenyl)pyridine

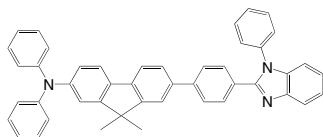
CAS No. :1013405-24-7  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :561.67 g/mole  
 UV :239, 292 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :410 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



## LT-N493 | EFIN

9,9-Dimethyl-N,N-diphenyl-7-(4-(1-phenyl-1H-benzo[d]imidazol-2-yl)phenyl)-9H-fluorene-2-amine

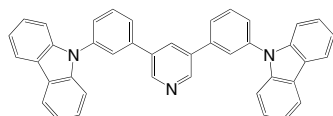
CAS No. :1705571-72-7  
 Grade :Sublimed >99%  
 Formula :C<sub>46</sub>H<sub>35</sub>N<sub>3</sub>  
 M.W. :629.79 g/mole  
 UV :370 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :428 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



## LT-N494 | 35DCzPPy

3,5-Bis(3-(9H-carbazol-9-yl)phenyl)pyridine

CAS No. :1013405-25-8  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :561.67 g/mole  
 UV :307, 317 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :347 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

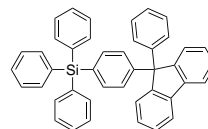


## LT-N492 | TPSi-F

**NEW**

Triphenyl(4-(9-phenyl-9H-fluorene-9-yl)phenyl)silane

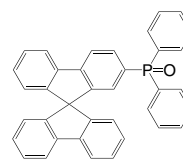
CAS No. :937082-80-9  
 Grade :>99%  
 Formula :C<sub>43</sub>H<sub>32</sub>Si  
 M.W. :576.8 g/mole  
 HOMO :-6.3 eV  
 LUMO :-2.4 eV



## LT-N496 | SPPO1

9,9-Spirobifluorene-2-yl-diphenyl-phosphine oxide

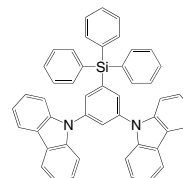
CAS No. :1125547-88-7  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>25</sub>OP  
 M.W. :516.57 g/mole  
 UV :307, 317 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :346 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



## LT-N497 | SimCP

9,9'-(5-(Triphenylsilyl)-1,3-phenylene)bis(9H-carbazole)

CAS No. :850221-63-5  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>34</sub>N<sub>2</sub>Si  
 M.W. :666.88 g/mole  
 UV :293, 312, 345 nm (in THF)  
 PL :446 nm (in THF)  
 TGA :>300 °C (0.5% weight loss)

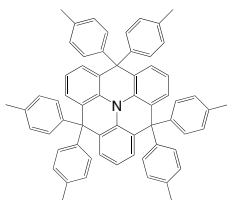


## Phosphorescent Host

### LT-N499 | FATPA

4,4,8,8,12,12-Hexa-p-tolyl-4H-8H-12H-12C-aza-dibenzo[cd,mn]pyrene

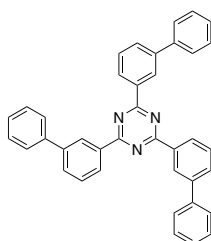
CAS No. :1131007-94-7  
 Grade :Sublimed >99%  
 Formula :C<sub>63</sub>H<sub>51</sub>N  
 M.W. :822.09 g/mole  
 UV :311 nm (in Toluene)  
 PL :375 nm (in Toluene)  
 TGA :>320 °C (0.5% weight loss)



### LT-N884 | T2T

2,4,6-Tri(biphenyl-3-yl)-1,3,5-triazine

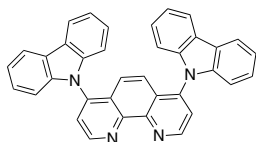
CAS No. :1201800-83-0  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :537.65 g/mole



### LT-N4001 | BUPH1

4,7-Di(9H-carbazol-9-yl)-1,10-phenanthroline

CAS No. :676542-82-8  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :510.59 g/mole  
 HOMO :-5.9 eV  
 LUMO :-2.8 eV

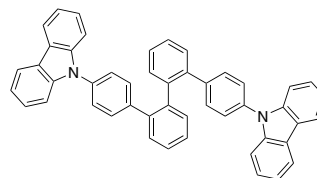


### LT-N4002 | BCBP

**NEW**

2,2'-Bis(4-(carbazol-9-yl)phenyl)-biphenyl

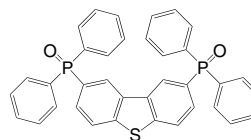
CAS No. :858131-70-1  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :636.78 g/mole



### LT-N4006 | PPT

2,8-Bis(diphenylphosphoryl)dibenzo[b,d]thiophene

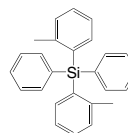
CAS No. :1019842-99-9  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>26</sub>O<sub>2</sub>P<sub>2</sub>S  
 M.W. :584.60 g/mole  
 UV :315, 328 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :351 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



### LT-N4008 | UGH-1

Bis(2-methylphenyl)diphenylsilane

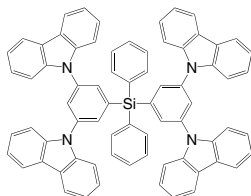
CAS No. :18849-24-6  
 Grade :Sublimed >99%  
 Formula :C<sub>26</sub>H<sub>24</sub>Si  
 M.W. :364.55 g/mole  
 UV :265 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :298 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



**LT-N4009** | SiMCP2

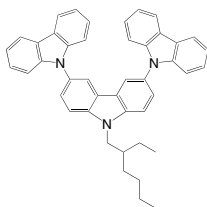
Bis[3,5-di(9H-carbazol-9-yl)phenyl]diphenylsilane

CAS No. :944465-42-3  
 Grade :Sublimed >99%  
 Formula :C<sub>72</sub>H<sub>48</sub>N<sub>4</sub>Si  
 M.W. :977.26 g/mole  
 UV :324, 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :362 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 380 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

**LT-N4010** | TCz1

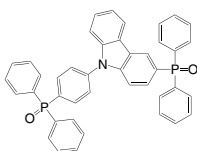
3,6-Bis(carbazol-9-yl)-9-(2-ethyl-hexyl)-9H-carbazole

CAS No. :1021423-90-4  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>39</sub>N<sub>3</sub>  
 M.W. :609.8 g/mole  
 UV :293 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :396 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 280 °C (0.5% weight loss)

**LT-N4011** | PPO21

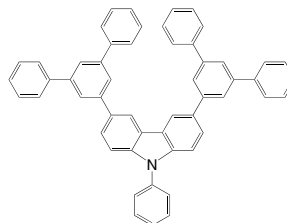
3-(Diphenylphosphoryl)-9-(4-(diphenylphosphoryl)phenyl)-9H-carbazole

CAS No. :1226860-68-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>31</sub>NO<sub>2</sub>P<sub>2</sub>  
 M.W. :643.65 g/mole  
 UV :294, 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :361 nm (in THF)  
 TGA :> 300 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

**LT-N4012** | CzTP

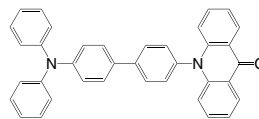
3,6-Bis[(3,5-diphenyl)phenyl]-9-phenyl-carbazole

CAS No. :1201649-79-7  
 Grade :Sublimed >99%  
 Formula :C<sub>54</sub>H<sub>37</sub>N  
 M.W. :699.88 g/mole  
 UV :260 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :390 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>360 °C (0.5% weight loss)

**LT-N4014** | ADBP

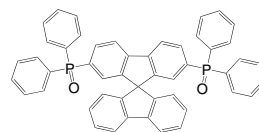
10-(4'-(Diphenylamino)biphenyl-4-yl)acridin-9(10H)-one

CAS No. :1188546-10-2  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>26</sub>N<sub>2</sub>O  
 M.W. :514.62 g/mole  
 UV :375, 394 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :408 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 310 °C (0.5% weight loss)

**LT-N4015** | SPPO13

2,7-Bis(diphenylphosphoryl)-9,9'-spirobifluorene

CAS No. :1234510-13-4  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>34</sub>O<sub>2</sub>P<sub>2</sub>  
 M.W. :716.74 g/mole  
 UV :282 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :373 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 330 °C (0.5% weight loss)

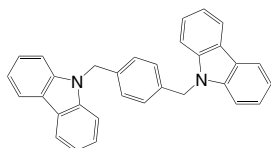


## Phosphorescent Host

### LT-N4016 | DCB

1,4-Bis((9H-carbazol-9-yl)methyl)benzene

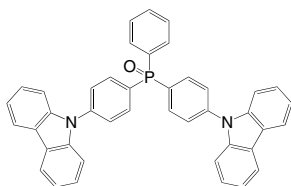
CAS No.	:166256-60-6
Grade	:>99%
Formula	:C <sub>32</sub> H <sub>24</sub> N <sub>2</sub>
M.W.	:436.55 g/mole
UV	:293 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:351, 366 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>230 °C (0.5% weight loss)



### LT-N4017 | BCPO

Bis-4-(N-carbazolyl)phenyl)phenylphosphine oxide

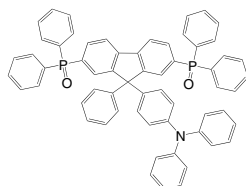
CAS No.	:1233407-28-7
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>29</sub> N <sub>2</sub> OP
M.W.	:608.67 g/mole
UV	:292 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:391 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>360 °C (0.5% weight loss)



### LT-N4018 | POAPF

2,7-Bis(diphenylphosphoryl)-9-(4-diphenylamino)phenyl-9'-phenyl-fluorene

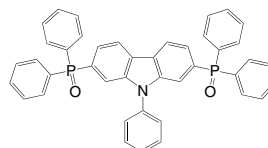
CAS No.	:1198361-98-6
Grade	:Sublimed >99%
Formula	:C <sub>61</sub> H <sub>45</sub> NO <sub>2</sub> P <sub>2</sub>
M.W.	:885.96 g/mole
UV	:293, 315 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:383 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>350 °C (0.5% weight loss)



### LT-N4025 | PPO27

2,7-Bis(diphenylphosphoryl)-9-phenyl-9H-carbazole

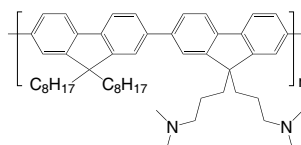
CAS No.	:1299463-56-1
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>31</sub> NO <sub>2</sub> P <sub>2</sub>
M.W.	:643.65 g/mole
UV	:257, 309 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:386 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>350 °C (0.5% weight loss)



### LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-alt-2,7-(9,9-dioctylfluorene)]

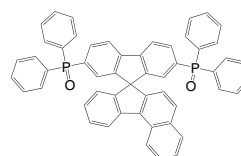
CAS No.	:673474-75-4
Grade	:Mw > 10000 (GPC)
Formula	:(C <sub>52</sub> H <sub>70</sub> N <sub>2</sub> ) <sub>n</sub>
UV	:378 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:414 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:Soluble in CH <sub>2</sub> Cl <sub>2</sub> , CHCl <sub>3</sub> , Toluene



### LT-N4029 | SPPO21

2,7-Bis(diphenylphosphoryl)spiro[fluorene-7,11'-benzofluorene]

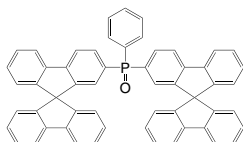
CAS No.	:1270960-64-9
Grade	:Sublimed >99%
Formula	:C <sub>53</sub> H <sub>36</sub> O <sub>2</sub> P <sub>2</sub>
M.W.	:766.8 g/mole
UV	:287 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:419 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



**LT-N4034** | Dspiro-PO

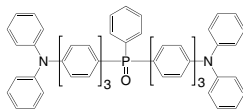
Di(9,9-spirobifluoren-2-yl)-phenyl-phosphine oxide

CAS No.	:824426-27-9
Grade	:Sublimed >99%
Formula	:C <sub>56</sub> H <sub>35</sub> OP
M.W.	:754.85 g/mole
UV	:275 nm (film)
PL	:365 nm (film)
TGA	:> 350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

**LT-N4035** | NP3PPO

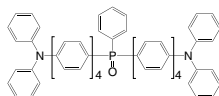
4'',4''''-(Phenylphosphoryl)bis(N-1-naphthyl-N-phenyl-1,1':4',1''-terphenyl-4-amine)

CAS No.	:1415633-86-1
Grade	:>98%
Formula	:C <sub>74</sub> H <sub>53</sub> N <sub>2</sub> OP
M.W.	:1017.20 g/mole
UV	:349 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:466 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>320 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

**LT-N4036** | NP4PPO

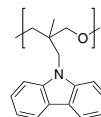
4'',4''''-(Phenylphosphoryl)bis(N-1-naphthyl-N-phenyl-1,1':4',1''-quaterphenyl-4-amine)

CAS No.	:1415633-87-2
Grade	:>98%
Formula	:C <sub>86</sub> H <sub>61</sub> N <sub>2</sub> OP
M.W.	:1169.39 g/mole
UV	:347 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:471 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>450 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

**LT-N4037** | PCMO

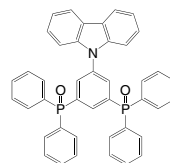
Poly[3-(carbazol-9-ylmethyl)-3-methyloxetane]

CAS No.	:69678-71-3
Grade	:Mw >30000 (GPC)
Formula	: (C <sub>17</sub> H <sub>17</sub> NO) <sub>n</sub>
UV	:237, 263 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:Soluble in THF, CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene

**LT-N4039** | CzPO2

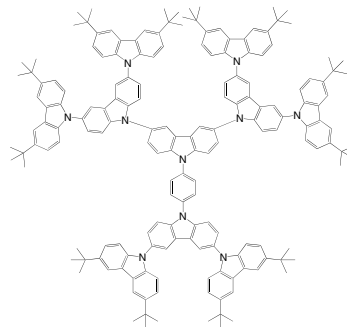
9-(3,5-Bis(diphenylphosphoryl)phenyl)-9H-carbazole

CAS No.	:1256573-07-5
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>31</sub> NO <sub>2</sub> P <sub>2</sub>
M.W.	:643.65 g/mole
UV	:291 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:426 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

**LT-N4041** | G3-tCbz

6-(3',6'-Di-tert-butyl-6-(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazol-9-yl)-9-(4-(3',6'-di-tert-butyl-6-(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazol-9-yl)phenyl)-3',6'-bis(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazole

CAS No.	:1025079-68-8
Grade	:>98% (NMR)
Formula	:C <sub>174</sub> H <sub>172</sub> N <sub>10</sub>
M.W.	:2403.29 g/mole
UV	:244, 349 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:402 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:Toluene, Chloroform

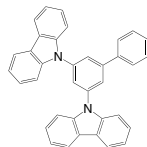


## Phosphorescent Host

### LT-N4042 | Ph-MCP

3,5-Di(9H-carbazol-9-yl)biphenyl

CAS No. :750573-28-5  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>  
 M.W. :484.59 g/mole  
 UV :241, 292 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :363 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

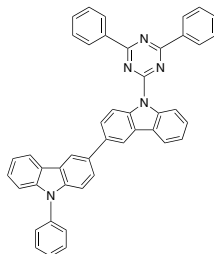


### LT-N4043 | CzT

**NEW**

9-(4,6-diphenyl-1,3,5-triazin-2-yl)-9'-phenyl-9H,9'H-3,3'-bicarbazole

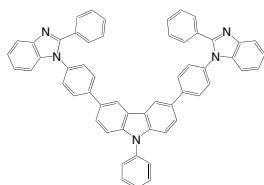
CAS No. :1266389-01-8  
 Grade :>99%  
 Formula :C<sub>45</sub>H<sub>29</sub>N<sub>5</sub>  
 M.W. :639.75 g/mole  
 HOMO :-5.49 eV  
 LUMO :-2.77 eV



### LT-N4046 | CNBzIm

9-Phenyl-3,6-bis(4-(1-phenyl-1H-benzo[d]imidazol-2-yl)phenyl)-9H-carbazole

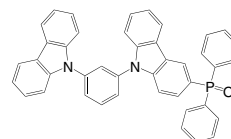
CAS No. :1258780-50-5  
 Grade :Sublimed >99%  
 Formula :C<sub>56</sub>H<sub>37</sub>N<sub>5</sub>  
 M.W. :779.93 g/mole  
 UV :299 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :392 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 350 °C (0.5% weight loss)



### LT-N4047 | mCPO1

9-(3-(9H-Carbazol-9-yl)phenyl)-3-(diphenylphosphoryl)-9H-carbazole

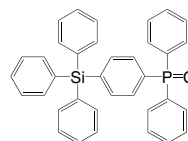
CAS No. :1296229-26-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>29</sub>N<sub>2</sub>OP  
 M.W. :608.67 g/mole  
 UV :324, 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :361 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4048 | TSP01

Diphenyl-4-triphenylsilylphenyl-phosphine oxide

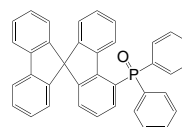
CAS No. :1286708-86-8  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>29</sub>OPSi  
 M.W. :536.67 g/mole  
 UV :266 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :298 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>300°C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4049 | SPPO11

9,9-Spirobifluoren-4-yl-diphenyl-phosphineoxide

CAS No. :1314243-72-5  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>25</sub>OP  
 M.W. :516.57 g/mole  
 UV :273, 309, 323 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :346 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)

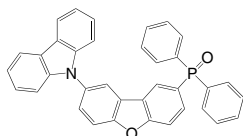


## Phosphorescent Host

## LT-N4050 | DFCzPO

9-(8-(Diphenylphosphoryl)dibenzo[b,d]furan-2-yl)-9H-carbazole

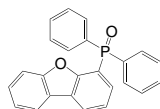
CAS No.	:1349901-36-5
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>24</sub> NO <sub>2</sub> P
M.W.	:533.56 g/mole
UV	:291, 338 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:392 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>300 °C (0.5% weight loss)



## LT-N4051 | DBFPPO

Dibenzofuran-4-yl-diphenyl-phosphine-oxide

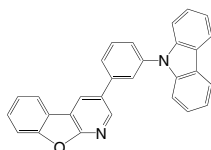
CAS No.	:1268162-33-9
Grade	:Sublimed >99%
Formula	:C <sub>24</sub> H <sub>17</sub> O <sub>2</sub> P
M.W.	:368.36 g/mole
UV	:288 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:328 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>320 °C (0.5% weight loss)



## LT-N4057 | PCz-BFP

3-(3-(9H-Carbazol-9-yl)phenyl)benzofuro[2,3-b]pyridine

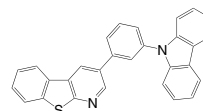
CAS No.	:1424369-36-7
Grade	:Sublimed >99%
Formula	:C <sub>29</sub> H <sub>18</sub> N <sub>2</sub> O
M.W.	:410.47 g/mole
UV	:241, 293 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:364 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)
Solvent	:1,2-dichloroethane, CHCl <sub>3</sub>



## LT-N4058 | BTP1

3-(3-(9H-Carbazol-9-yl)phenyl)benzo[4,5]thieno[2,3-b]pyridine

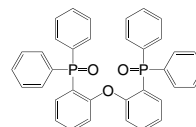
CAS No.	:1421599-23-6
Grade	:Sublimed >99%
Formula	:C <sub>29</sub> H <sub>18</sub> N <sub>2</sub> S
M.W.	:426.53 g/mole
UV	:291, 339 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:365 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)



## LT-N4060 | DPEPO

Bis[2-(diphenylphosphino)phenyl]ether oxide

CAS No.	:808142-23-6
Grade	:Sublimed >99.5%
Formula	:C <sub>36</sub> H <sub>28</sub> O <sub>3</sub> P <sub>2</sub>
M.W.	:570.55 g/mole
UV	:288 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:311 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>300 °C (0.5% weight loss)

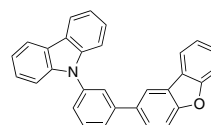


## LT-N4061 | CzDBF

**NEW**

9-(3-(dibenzo[b,d]furan-2-yl)phenyl)-9H-carbazole

CAS No.	:1338446-77-7
Grade	:> 99%
Formula	:C <sub>30</sub> H <sub>19</sub> NO
M.W.	:409.48 g/mole
HOMO	: -5.9 eV
LUMO	: -2.45 eV



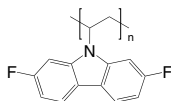


## Phosphorescent Host

### LT-N4062 | 2,7-F-PVF

Poly[9-sec-butyl-2,7-difluoro-9H-carbazole]

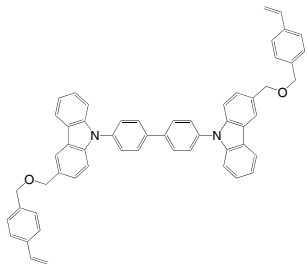
CAS No.	:1227083-33-1
Grade	:Mw >30000 (GPC)
Formula	:(C <sub>14</sub> H <sub>9</sub> F <sub>2</sub> N) <sub>n</sub>
UV	:261, 294 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:397 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



### LT-N4063 | DV-CBP

9,9'-[1,1'-Biphenyl]-4,4'-diylbis[3-[[[4-ethenylphenyl)methoxy]methyl]-9H-carbazole]

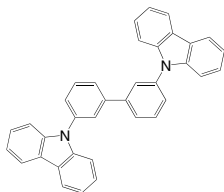
CAS No.	:1428901-78-3
Grade	:>99%
Formula	:C <sub>56</sub> H <sub>44</sub> N <sub>2</sub> O <sub>2</sub>
M.W.	:776.96 g/mole
UV	:246, 295 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:381 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:1,2-dichloroethane, CHCl <sub>3</sub>



### LT-N4069 | m-CBP

3,3'-Di(9H-carbazol-9-yl) biphenyl

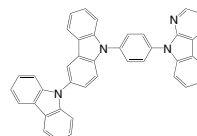
CAS No.	:342638-54-4
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>24</sub> N <sub>2</sub>
M.W.	:484.59 g/mole
UV	:292, 328 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:349 nm (in THF)
TGA	:>250 °C(0.5% weight loss)



### LT-N4070 | pCb2Cz

9-(4-(9H-Pyrido[2,3-b]indol-9-yl)phenyl)-9H -3,9'-bicarbazole

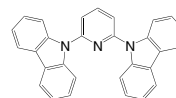
CAS No.	:1446517-60-7
Grade	:Sublimed >99%
Formula	:C <sub>41</sub> H <sub>26</sub> N <sub>4</sub>
M.W.	:574.67 g/mole
UV	:239, 294 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:381 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)



### LT-N4072 | PYD-2Cz

2,6-Di(9H-carbazol-9-yl)pyridine

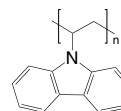
CAS No.	:168127-49-9
Grade	:Sublimed >99%
Formula	:C <sub>29</sub> H <sub>19</sub> N <sub>3</sub>
M.W.	:409.48 g/mole
UV	:241, 290 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:373 nm (in THF)
TGA	:>250 °C (0.5% weight loss)



### LT-N4077 | PVK

Poly(9-vinylcarbazole)

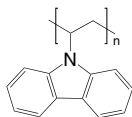
CAS No.	:25067-59-8
Grade	:Mw >20000 (GPC)
Formula	:(C <sub>14</sub> H <sub>11</sub> N) <sub>n</sub>
UV	:261, 294 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:380 nm (in THF)
Solvent	:Soluble in THF, CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



### LT-N4078 | PVK

Poly(9-vinylcarbazole)

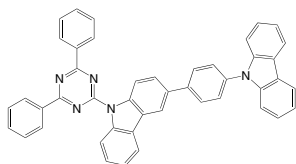
CAS No. :25067-59-8  
 Grade :Mw >100000 (GPC)  
 Formula : $(C_{14}H_{11}N)_n$   
 UV :261, 294 nm (in  $CH_2Cl_2$ )  
 PL :380 nm (in THF)  
 Solvent :Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N4079 | CPCBPTz

3-(4-(9H-Carbazol-9-yl)phenyl)-9-(4,6-diphenyl-1,3,5-triazin-2-yl)-9H-carbazole

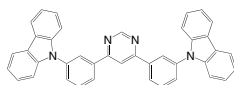
CAS No. :1407183-68-9  
 Grade :Sublimed >99%  
 Formula : $C_{45}H_{29}N_5$   
 M.W. :639.75 g/mole  
 UV :252, 331 nm (in  $CH_2Cl_2$ )  
 TGA :>250 °C (0.5% weight loss)



### LT-N4080 | 46DCzPPM

4,6-Bis(3-(9H-carbazol-9-yl)phenyl)pyrimidine

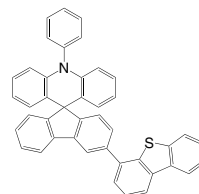
CAS No. :1262678-77-2  
 Grade :Sublimed >99%  
 Formula : $C_{40}H_{26}N_4$   
 M.W. :562.66 g/mole  
 UV :240, 292 nm (in  $CH_2Cl_2$ )  
 PL :476 nm (in  $CH_2Cl_2$ )  
 TGA :>280 °C (0.5% weight loss)



### LT-N4081 | STDBT-4

3'-(Dibenzo[b,d]thiophen-4-yl)-10-phenyl-10H-spiro[acridine-9,9'-fluorene]

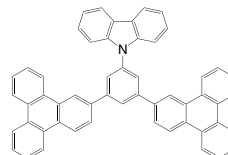
CAS No. :1467099-24-6  
 Grade :Sublimed >99%  
 Formula : $C_{43}H_{27}NS$   
 M.W. :589.75 g/mole  
 UV :316 nm (in Toluene)  
 PL :376 nm (in Toluene)  
 TGA :>270 °C (0.5% weight loss)



### LT-N4082 | DTP-mCP

9-(3,5-Di(triphenylen-2-yl)phenyl)-9H-carbazole

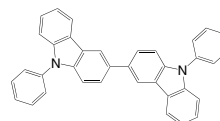
CAS No. :1498411-20-3  
 Grade :Sublimed >99%  
 Formula : $C_{54}H_{33}N$   
 M.W. :695.85 g/mole  
 UV :273 nm (in  $CHCl_3$ )  
 PL :377 nm (in  $CHCl_3$ )  
 TGA :>280 °C (0.5% weight loss)



### LT-N4085 | BCzPh

9,9'-Diphenyl-9H,9'H-3,3'-bicarbazole

CAS No. :57102-62-2  
 Grade :Sublimed >99%  
 Formula : $C_{36}H_{24}N_2$   
 M.W. :484.59 g/mole  
 UV :303 nm (in  $CH_2Cl_2$ )  
 TGA :>250 °C (0.5% weight loss)

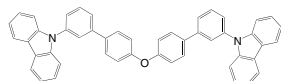


## Phosphorescent Host

### LT-N4086 | CBBPE

9,9'-(Oxybis([1,1'-biphenyl]-4',3'-diyl))bis(9H-carbazole)

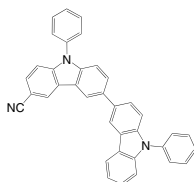
CAS No. :1470161-29-5  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>32</sub>N<sub>2</sub>O  
 M.W. :652.78 g/mole  
 UV :240 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :350 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)



### LT-N4088 | BCzSCN

9,9'-Diphenyl-9H,9'H-3,3'-bicarbazole-6-carbonitrile

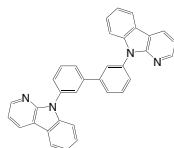
CAS No. :1462896-48-5  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>23</sub>N<sub>3</sub>  
 M.W. :509.6 g/mole  
 UV :250, 301 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :416 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)



### LT-N4092 | CbBPCb

3,3'-Di(9H-pyrido[2,3-b]indol-9-yl)biphenyl

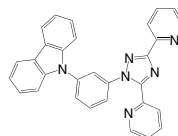
CAS No. :1469997-91-8  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :486.57 g/mole  
 UV :240, 297 nm (in THF)  
 PL :382 nm (in THF)



### LT-N4099 | m-cbtz

9-(3-(3,5-Di(pyridin-2-yl)-1H-1,2,4-triazol-1-yl)phenyl)-9H-carbazole

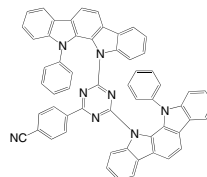
CAS No. :1361953-33-4  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>20</sub>N<sub>6</sub>  
 M.W. :464.52 g/mole  
 UV :293, 340 nm (in THF)  
 PL :427 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



### LT-N4100 | BBICT

4-(4,6-Bis[12-phenylindolo[2,3-a]carbazol-11(12H)-yl]-1,3,5-triazin-2-yl)benzotrile

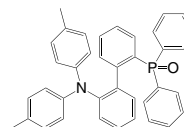
CAS No. :1617496-77-1  
 Grade :Sublimed >99%  
 Formula :C<sub>58</sub>H<sub>34</sub>N<sub>8</sub>  
 M.W. :842.94 g/mole  
 UV :260, 330 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :450 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



### LT-N4101 | POBPMdPA

2'-(Diphenylphosphiny)-N,N-bis(4-methylphenyl)-1,1'-Biphenyl-2-amine

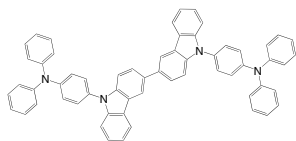
CAS No. :1579983-04-2  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>32</sub>NOP  
 M.W. :549.64 g/mole  
 UV :444 nm (in Toluene)  
 PL :458 nm (in 2-MeTHF)  
 TGA :>250 °C (0.5% weight loss)



**LT-N4102** | BCzTPA

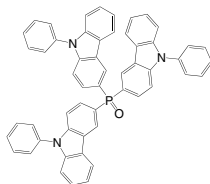
4,4'-(9H,9'H-3,3'-Bicarbazole-9,9'-diyl)bis(N,N-diphenylaniline)

CAS No.	:1032174-52-9
Grade	:Sublimed >99%
Formula	:C <sub>60</sub> H <sub>42</sub> N <sub>4</sub>
M.W.	:819.00 g/mole
UV	:310, 341 nm (film)
PL	:397 nm (film)
TGA	:> 300 °C (0.5% weight loss)
Tg	:157 °C
HOMO	:-5.6 eV
LUMO	:-2.2 eV

**LT-N4107** | POCz3

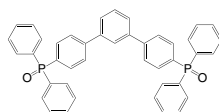
3,3',3''-Phosphinylidynetris(9-phenyl-9H-carbazole)

CAS No.	:1392204-91-9
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>36</sub> N <sub>3</sub> OP
M.W.	:773.86 g/mole
UV	:260 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:351 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 300 °C (0.5% weight loss)

**LT-N4115** | BPOPb

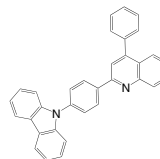
1,3-Bis(3-(diphenylphosphoryl)phenyl)benzene

CAS No.	:1863083-31-1
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>32</sub> O <sub>2</sub> P <sub>2</sub>
M.W.	:630.65 g/mole
UV	:251, 290 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:340 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 270 °C (0.5% weight loss)

**LT-N4116** | CzPPQ

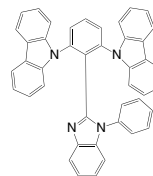
9-(4-(4-Phenylquinolin-2-yl)phenyl)-9H-carbazole

CAS No.	:1617494-49-1
Grade	:Sublimed >99%
Formula	:C <sub>33</sub> H <sub>22</sub> N <sub>2</sub>
M.W.	:446.54 g/mole
UV	:247, 292, 342 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:442 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)

**LT-N4125** | o-DiCbzBz

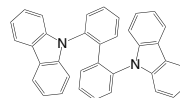
"9,9'-(2-(1-phenyl-1H-benzo [d]imidazol-2-yl)-1,3- phenylene bis(9H-carbazole)"

CAS No.	:1874260-94-2
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>28</sub> N <sub>4</sub>
M.W.	:600.71 g/mole
UV	:354 nm (film)
PL	:418 nm
Tg	:117 °C
HOMO	:-5.8 eV
LUMO	:-2.3 eV

**LT-N4129** | o-CBP

2,2'-Di(9H-carbazol-9-yl)biphenyl

CAS No.	:592551-54-7
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>24</sub> N <sub>2</sub>
M.W.	:484.59 g/mole
UV	:237, 295 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:381 nm (in CH <sub>2</sub> Cl <sub>2</sub> )

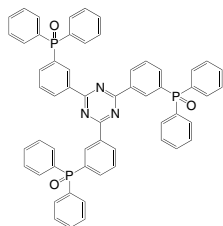


## Phosphorescent Host

### LT-N4139 | PO-T2T

2,4,6-Tris[3-(diphenylphosphinyl)phenyl]-1,3,5-triazine

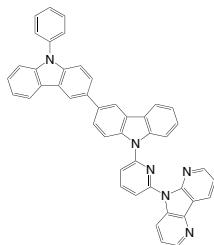
CAS No.	:1646906-26-4
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>42</sub> N <sub>3</sub> O <sub>3</sub> P <sub>3</sub>
M.W.	:909.8 g/mole
UV	:272 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:295, 379 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
HOMO	:-3.5 eV
LUMO	:-7.5 eV



### LT-N4147 | NCzmPy2Cz

9-(6-(5H-Pyrrolo[2,3-b:4,5-b']dipyridin-5-yl)pyridin-2-yl)-9'-phenyl-9H,9'H-3,3'-bicarbazole

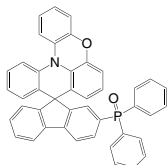
CAS No.	:2041519-51-9
Grade	:Sublimed >99%
Formula	:C <sub>45</sub> H <sub>28</sub> N <sub>5</sub>
M.W.	:652.74 g/mole
UV	:300, 329 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:385, 402 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
HOMO	:-5.54 eV
LUMO	:-2.16 eV



### LT-N4146 | Tri-o-2PO

2-(Diphenylphosphinyl)-spiro[9H-fluorene-9,9'-quino[3,2,1-kl]phenoxazine

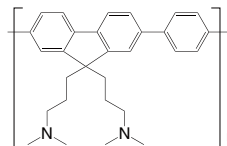
CAS No.	:2055589-19-8
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>28</sub> NO <sub>2</sub> P
M.W.	:621.66 g/mole
UV	:312, 350 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Emission	:450 nm (in CH <sub>2</sub> Cl <sub>2</sub> )



### LT-N4160 | PFN-B

Poly[(9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-alt-1,4-phenylene]

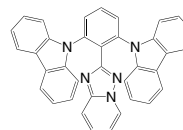
CAS No.	:673474-79-8
Formula	:(C <sub>29</sub> H <sub>34</sub> N <sub>2</sub> ) <sub>n</sub>
HOMO	:-5.70 eV
LUMO	:-2.12 eV



### LT-N4164 | o-CzTP

9,9'-(2-([1,2,4]Triazolo[1,5-a]pyridin-2-yl)-1,3-phenylene)bis(9H-carbazole)

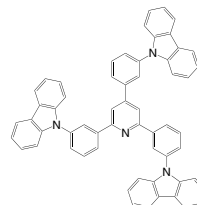
CAS No.	:2127406-34-0
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>23</sub> N <sub>5</sub>
M.W.	:525.60 g/mole
Emission	:397 nm (in Toluene)
HOMO	:-5.38 eV
LUMO	:-1.78 eV



### LT-N4165 | TCPY

9,9'-(Pyridine-2,4,6-triyltris(benzene-3,1-diyl))tris(9H-carbazole)

CAS No.	:890148-62-6
Grade	:Sublimed >99%
Formula	:C <sub>59</sub> H <sub>38</sub> N <sub>4</sub>
M.W.	:802.96 g/mole
PL	:415 nm (film)
HOMO	:-6.19 eV
LUMO	:-2.77 eV

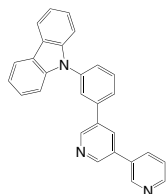


## Phosphorescent Host

## LT-N4173 | m-BPySCz

5-(3-(9H-Carbazol-9-yl)-phenyl)-3-(pyridine-3-yl)pyridine

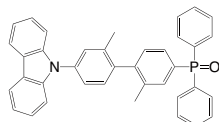
CAS No. :2245948-99-4  
 Grade :Sublimed >99%  
 Formula :C<sub>28</sub>H<sub>19</sub>N<sub>3</sub>  
 M.W. :397.47 g/mole  
 UV :291, 327, 340 nm (film)  
 Emission :402 nm (in neat film)  
 HOMO :-5.57 eV  
 LUMO :-2.47 eV



## LT-N4174 | m-CBPPO

(4'-(9H-Carbazol-9-yl)-2,2'-dimethyl-[1,1'-biphenyl]-4-yl) diphenylphosphine oxide

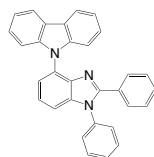
CAS No. :1206906-21-9  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>30</sub>NOP  
 M.W. :547.62 g/mole  
 Emission :350, 362 nm (in 2-MeTHF)  
 HOMO :-5.68 eV  
 LUMO :-2.18 eV



## LT-N4175 | 4-CbzBiz

9-(1,2-Diphenyl-1H-benzo[d]imidazol-4-yl)-9H-carbazole

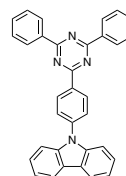
CAS No. :2270842-62-9  
 Grade :Sublimed >99%  
 Formula :C<sub>31</sub>H<sub>21</sub>N<sub>3</sub>  
 M.W. :435.52 g/mole  
 Emission :413 nm (FL in THF)  
 HOMO :-5.68 eV (sol) ; -5.93 eV (film)  
 LUMO :-2.36 eV (sol) ; -2.48 eV (film)



## LT-N4118 | Cab-Ph-TRZ

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-9H-carbazole

CAS No. :440354-93-8  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :474.55 g/mole

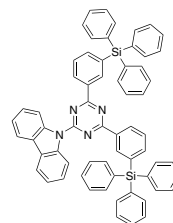


## LT-N4203 | DSiCzTrz

NEW

9-(4,6-Bis(3-(triphenylsilyl)phenyl)-1,3,5-triazin-2-yl)-9H-carbazole

CAS No. :2422045-57-4  
 Grade :Sublimed >99%  
 Formula :C<sub>63</sub>H<sub>46</sub>N<sub>4</sub>Si<sub>2</sub>  
 M.W. :915.24 g/mole  
 HOMO :-6.14 eV  
 LUMO :-2.79 eV

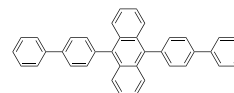


## LT-N4206

NEW

9,10-Bis((1,1'-biphenyl)-4-yl)anthracene

CAS No. :43069-36-9  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>26</sub>  
 M.W. :482.61 g/mole



### LT-N4221

**NEW**

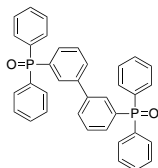
[1,1'-Biphenyl]-3,3'-diylbis(diphenylphosphine oxide)

CAS No. :1201905-85-2

Grade :>99%

Formula :C<sub>36</sub>H<sub>28</sub>O<sub>2</sub>P<sub>2</sub>

M.W. :554.55 g/mole



### LT-N4222

**NEW**

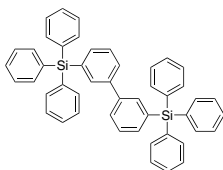
3,3'-Bis(triphenylsilyl)biphenyl

CAS No. :18826-15-8

Grade :>99%

Formula :C<sub>48</sub>H<sub>38</sub>Si<sub>2</sub>

M.W. :670.99 g/mole



### LT-N4223

**NEW**

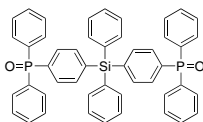
((Diphenylsilylanediyl)bis(4,1-phenylene)bis(diphenylphosphine oxide))

CAS No. :934466-45-2

Grade :>99%

Formula :C<sub>48</sub>H<sub>38</sub>O<sub>2</sub>P<sub>2</sub>Si

M.W. :736.85 g/mole



### LT-N4235

2CzPy

**NEW**

9,9'-(4-(Pyridin-2-yl)-1,3-phenylene)bis(9H-carbazole)

CAS No. :2190525-54-1

Grade :Sublimed >99%

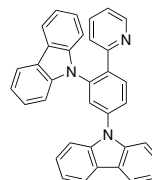
Formula :C<sub>35</sub>H<sub>23</sub>N<sub>3</sub>

PL :384 nm (in Toluene)

M.W. :485.58 g/mole

HOMO :-5.54 eV

LUMO :-1.98 eV



### LT-N4236

mCBP-2CN

**NEW**

9-(3'-(9H-Carbazol-9-yl)-5-cyano-[1,1'-biphenyl]-3-yl)-9H-carbazole-3-carbonitrile

CAS No. :1327163-12-1

Grade :Sublimed >99%

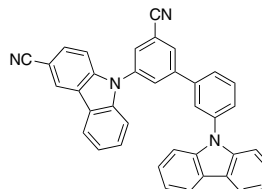
Formula :C<sub>38</sub>H<sub>22</sub>N<sub>4</sub>

PL :403 nm (solid)

M.W. :534.61 g/mole

HOMO :-6.11 eV

LUMO :-3.01 eV



### LT-N4237

mCBP-CN

**NEW**

3,3'-di(carbazol-9-yl)-5-cyano-1,1'-biphenyl

CAS No. :1327163-09-6

Grade :Sublimed >99%

Formula :C<sub>37</sub>H<sub>23</sub>N<sub>3</sub>

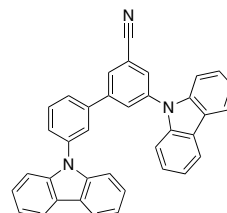
UV :335 nm (film)

PL :412 nm (film)

M.W. :509.6 g/mole

HOMO :-6.1 eV

LUMO :-2.5 eV

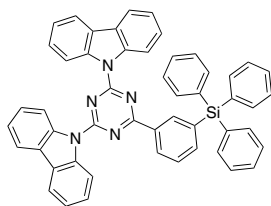


### LT-N4238 | SiTrzCz2

**NEW**

9,9'-(6-(3-(Triphenylsilyl)phenyl)-1,3,5-triazine-2,4-diyl)bis(9H-carbazole)

CAS No. :2422045-58-5  
Grade :Sublimed >99%  
Formula :C<sub>51</sub>H<sub>35</sub>N<sub>5</sub>Si  
M.W. :745.94 g/mole  
HOMO :-5.99 eV  
LUMO :-2.75 eV

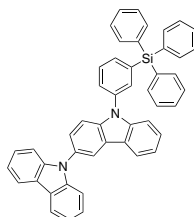


### LT-N4240 | SiCzCz

**NEW**

9-(3-(triphenylsilyl)phenyl)-9H-3,9'-bicarbazole

CAS No. :2665768-26-1  
Grade :Sublimed >99%  
Formula :C<sub>48</sub>H<sub>34</sub>N<sub>2</sub>Si  
M.W. :666.88 g/mole  
HOMO :-5.55 eV  
LUMO :-1.91 eV

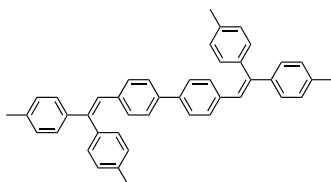




## Fluorescent Host

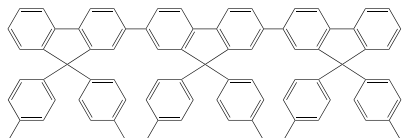
### LT-E406 | p-DMDPVBi

1-[2,2-Bis(4-methylphenyl)ethenyl]-4-[4-[2,2-bis(4-methylphenyl)ethenyl]phenyl]benzene  
 CAS No. :135804-06-7  
 Grade :>99%  
 Formula :C<sub>44</sub>H<sub>38</sub>  
 M.W. :566.77 g/mole  
 UV :355 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :437 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



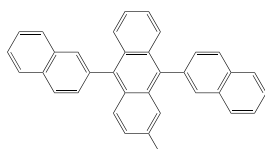
### LT-E408 | TDAF

2,7-Bis[9,9-di(4-methylphenyl)-fluoren-2-yl]-9,9-di(4-methylphenyl)fluorene  
 CAS No. :474918-42-8  
 Grade :Sublimed >98%  
 Formula :C<sub>81</sub>H<sub>62</sub>  
 M.W. :1035.36 g/mole  
 UV :353 nm (in THF)  
 PL :397, 419 nm (in THF)  
 TGA :> 370 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



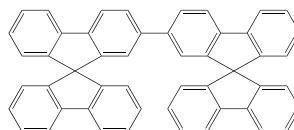
### LT-E410 | MADN

2-Methyl-9,10-bis(naphthalen-2-yl)anthracene  
 CAS No. :804560-00-7  
 Grade :Sublimed >99.5%  
 Formula :C<sub>35</sub>H<sub>24</sub>  
 M.W. :444.57 g/mole  
 UV :379, 399 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :439 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 300 °C (0.5% weight loss)  
 MADN :>98%



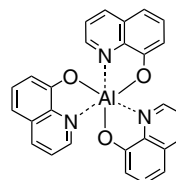
### LT-E411 | BSBF

2-(9,9-Spirobifluoren-2-yl)-9,9-spirobifluorene  
 CAS No. :664345-18-0  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>30</sub>  
 M.W. :630.77 g/mole  
 UV :330 nm (in THF)  
 PL :384 nm (in THF)  
 TGA :>310 °C (0.5% weight loss)



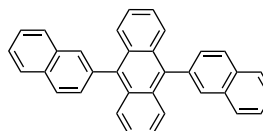
### LT-E401 | Alq3

Tris(8-hydroxy-quinolino)aluminium  
 CAS No. :2085-33-8  
 Grade :Sublimed >99.5%  
 Formula :C<sub>27</sub>H<sub>18</sub>AlN<sub>3</sub>O<sub>3</sub>  
 M.W. :459.43 g/mole  
 UV :259 nm (in THF)  
 PL :512 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



### LT-E403 | ADN

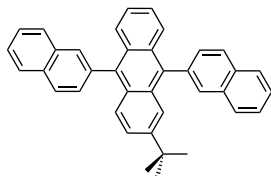
9,10-Di(naphth-2-yl)anthracene  
 CAS No. :122648-99-1  
 Grade :Sublimed >99.5%  
 Formula :C<sub>34</sub>H<sub>22</sub>  
 M.W. :430.54 g/mole  
 UV :375, 395 nm (in THF)  
 PL :425 nm (in THF)  
 TGA :>290 °C (0.5% weight loss)



## LT-E404 | TBADN

2-tert-Butyl-9,10-di(naphth-2-yl)anthracene

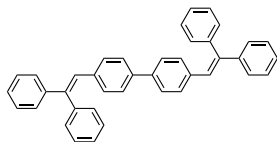
CAS No.	:274905-73-6
Grade	:Sublimed >99%
Formula	:C <sub>38</sub> H <sub>30</sub>
M.W.	:486.64 g/mole
UV	:375, 395 nm (in THF)
PL	:431 nm (in THF)
TGA	:>290 °C (0.5% weight loss)



## LT-E405 | DPVBi

4,4'-Bis(2,2-diphenylethenyl)-1,1'-biphenyl

CAS No.	:142289-08-5
Grade	:Unsublimed >99%
Formula	:C <sub>40</sub> H <sub>30</sub>
M.W.	:510.23 g/mole
UV	:353 nm (in CHCl <sub>3</sub> )
PL	:442 nm (in CHCl <sub>3</sub> )
TGA	:>300 °C (0.5% weight loss)



## LT-E412 | TSBF

2,7-Bis(9,9-spirobifluorene-2-yl)-9,9-spirobifluorene

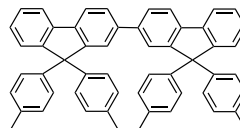
CAS No.	:518997-91-6
Grade	:Sublimed >99%
Formula	:C <sub>75</sub> H <sub>44</sub>
M.W.	:945.15 g/mole
UV	:350 nm (in THF)
PL	:415 nm (in THF)
TGA	:>390 °C (0.5% weight loss)



## LT-E413 | BDAF

2-[9,9-Di(4-methylphenyl)-fluorene-2-yl]-9,9-di(4-methylphenyl)fluorene

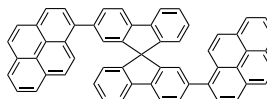
CAS No.	:854046-47-2
Grade	:Sublimed >97%
Formula	:C <sub>54</sub> H <sub>42</sub>
M.W.	:690.91 g/mole
UV	:333 nm (in THF)
PL	:386 nm (in THF)
TGA	:>310 °C (0.5% weight loss)



## LT-N428 | 2,2'-Spiro-Pye

2,2'-Dipyrenyl-9,9-spirobifluorene

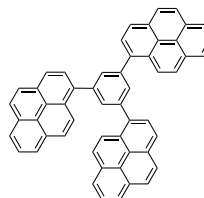
CAS No.	:831222-16-3
Grade	:Sublimed >98%
Formula	:C <sub>57</sub> H <sub>32</sub>
M.W.	:716.86 g/mole
UV	:279, 347 nm (in THF)
PL	:414 nm (in THF)
TGA	:>440 °C (0.5% weight loss)



## LT-N429 | TPB3

1,3,5-Tri(pyren-1-yl)benzene

CAS No.	:349666-25-7
Grade	:Sublimed >95%
Formula	:C <sub>54</sub> H <sub>30</sub>
M.W.	:678.81 g/mole
UV	:280, 352 nm (in THF)
PL	:388 nm (in THF)
TGA	:>360 °C (0.5% weight loss)

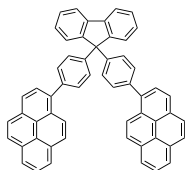


## Fluorescent Host

### LT-N447 | BPPF

9,9-Bis[4-(pyrenyl)phenyl]-9H-fluorene

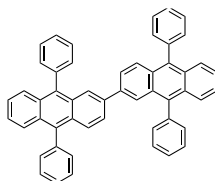
CAS No. :1174006-47-3  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>34</sub>  
 M.W. :718.88 g/mole  
 UV :280, 344 nm (in THF)  
 PL :402 nm (in THF)  
 TGA :>430 °C (0.5% weight loss)



### LT-N452 | TPBA

9,9',10,10'-Tetraphenyl-2,2'-bianthracene

CAS No. :172285-72-2  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>34</sub>  
 M.W. :658.83 g/mole  
 UV :294, 333 nm (in THF)  
 PL :455 nm (in THF)  
 TGA :>390 °C (0.5% weight loss)



### LT-N458 | Spiro-Pye

2,7-Dipyrenyl-9,9-spirobifluorene

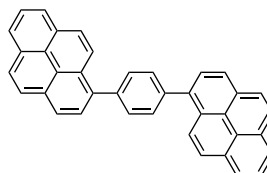
CAS No. :886456-80-0  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>32</sub>  
 M.W. :716.86 g/mole  
 UV :363 nm (in THF)  
 PL :424 nm (in THF)  
 TGA :>440 °C (0.5% weight loss)



### LT-N472 | p-Bpye

1,4-Di(pyren-1-yl)benzene

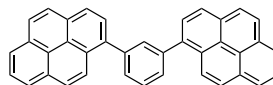
CAS No. :475460-77-6  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>22</sub>  
 M.W. :478.58 g/mole  
 UV :280, 351 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :431 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



### LT-N473 | m-Bpye

1,3-Di(pyren-1-yl)benzene

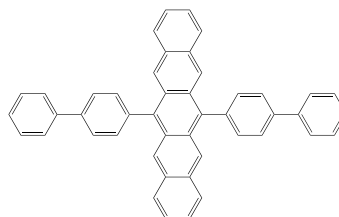
CAS No. :1616657-81-8  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>22</sub>  
 M.W. :478.58 g/mole  
 UV :279, 350 nm (in THF)  
 PL :384 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)



### LT-N478 | DBPenta

6,13-Di-biphenyl-4-yl-pentacene

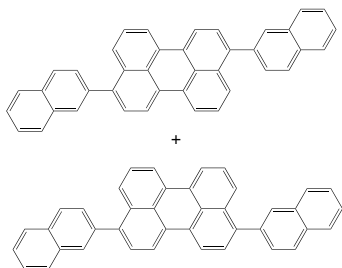
CAS No. :1254039-84-3  
 Grade :Sublimed >99%  
 Formula :C<sub>46</sub>H<sub>30</sub>  
 M.W. :582.73 g/mole  
 UV :305 nm (in THF)  
 PL :620 nm (in THF)  
 TGA :>360 °C (0.5% weight loss)



**LT-N479** | DNP

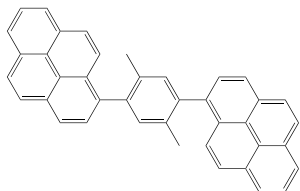
3,9-Di(naphthalen-2-yl)perylene and 3,10-di(naphthalen-2-yl)perylene mixture

CAS No. :959611-30-4 and 919089-75-1  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>24</sub>  
 M.W. :504.62 g/mole  
 UV :434, 460 nm (in THF)  
 PL :488 nm (in THF)  
 TGA :>320 °C (0.5% weight loss)

**LT-N481** | DMPPP

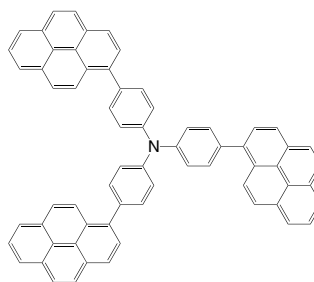
1,1'-(2,5-Dimethyl-1,4-phenylene)dipyrrene

CAS No. :1036404-84-8  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>26</sub>  
 M.W. :506.63 g/mole  
 UV :  
 PL :397 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)

**LT-N487** | TPyPA

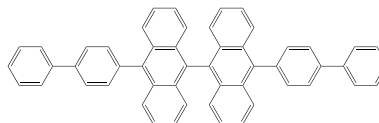
Tris[4-(pyrenyl)-phenyl]amine

CAS No. :349669-77-8  
 Grade :Sublimed >99%  
 Formula :C<sub>66</sub>H<sub>39</sub>N  
 M.W. :846.02 g/mole  
 UV :271 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :479 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>470 °C (0.5% weight loss)

**LT-N488** | BANE

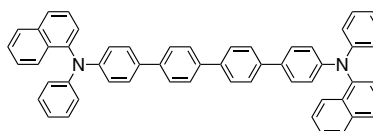
10,10'-Di(biphenyl-4-yl)-9,9'-bianthracene

CAS No. :172285-79-9  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>34</sub>  
 M.W. :658.83 g/mole  
 UV :260 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :449 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)

**LT-N489** | 4P-NPB

N,N' -Di-(1-naphthalenyl)-N,N' -diphenyl-[1,1':4',1'':4'',1'''-quaterphenyl]-4,4'''-diamine

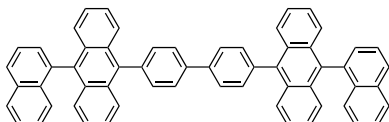
CAS No. :948552-24-7  
 Grade :Sublimed >99%  
 Formula :C<sub>56</sub>H<sub>40</sub>N<sub>2</sub>  
 M.W. :740.93 g/mole  
 UV :351 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :422 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>380 °C (0.5% weight loss)



## LT-N490 | BUBH-3

4,4'-Di[10-(naphthalen-1-yl)anthracen-9-yl]biphenyl

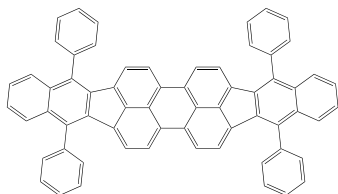
CAS No.	:1002328-32-6
Grade	:Sublimed >99%
Formula	:C <sub>60</sub> H <sub>38</sub>
M.W.	:758.94 g/mole
UV	:262 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:420 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>440 °C (0.5% weight loss)



## LT-N4003 | DBP

Dibenzo[[f,f']-4,4',7,7'-tetraphenyl]diindeno[1,2,3-cd:1',2',3'-lm]perylene

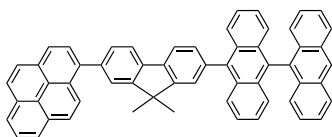
CAS No.	:175606-05-0
Grade	:Sublimed >99%
Formula	:C <sub>64</sub> H <sub>36</sub>
M.W.	:804.97 g/mole
UV	:333 nm (in THF)
PL	:610 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



## LT-N4004 | BAnFPye

1-(7-(9,9'-Bianthracen-10-yl)-9,9-dimethyl-9H-fluoren-2-yl)pyrene

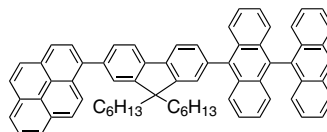
CAS No.	:1705571-70-5
Grade	:Sublimed >99%
Formula	:C <sub>59</sub> H <sub>38</sub>
M.W.	:746.93 g/mole
UV	:356 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:433 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>440 °C (0.5% weight loss)



## LT-N4005 | DAnF6Pye

1-(7-(9,9'-Bianthracen-10-yl)-9,9-dihexyl-9H-fluoren-2-yl)

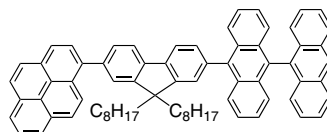
CAS No.	:1705571-71-6
Grade	:>99%
Formula	:C <sub>69</sub> H <sub>58</sub>
M.W.	:877.20 g/mole
UV	:358 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:437 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:Toluene, Chloroform



## LT-N4040 | BAnF8Pye

1-(7-(9,9'-Bianthracen-10-yl)-9,9-dioctyl-9H-fluoren-2-yl)pyrene

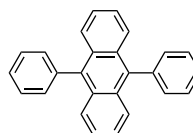
CAS No.	:1258522-34-7
Grade	:>99%
Formula	:C <sub>73</sub> H <sub>66</sub>
M.W.	:943.31 g/mole
UV	:257, 356 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:440 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



## LT-N4084 | ADP

9,10-Diphenylanthracene

CAS No.	:1499-10-1
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>18</sub>
M.W.	:330.42 g/mole
TGA	:>150 °C (0.5% weight loss)



**LT-N4093** | Znq2

Bis(8-hydroxyquinoline) zinc

CAS No. :13978-85-3

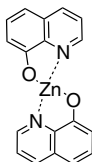
Grade :&gt;99%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>Zn

M.W. :353.71 g/mole

PL :465 nm (film)

TGA :&gt;220 °C (0.5% weight loss)

**LT-N4094** | CPPyC

9-(5-(3-(9H-Carbazol-9-yl)phenyl)pyridin-3-yl)-9H-carbazole

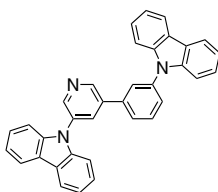
CAS No. :1583238-16-7

Grade :&gt;99%

Formula :C<sub>35</sub>H<sub>23</sub>N<sub>3</sub>

M.W. :485.58 g/mole

TGA :&gt;200 °C (0.5% weight loss)

**LT-N4096** | SF3PO

Bis(9,9-spirobifluorene-3-yl)-phenylphosphane oxide

CAS No. :1454615-69-0

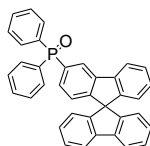
Grade :&gt;99%

Formula :C<sub>37</sub>H<sub>25</sub>OP

M.W. :516.57 g/mole

UV :308, 314 nm (in CH<sub>2</sub>Cl<sub>2</sub>)PL :322 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

TGA :&gt;200 °C (0.5% weight loss)

**LT-N4108** | POSTF

2'-(Diphenylphosphoryl)-10-phenyl-10H-spiro[acridine-9,9'-fluorene]

CAS No. :1647050-25-6

Grade :Sublimed &gt;99%

Formula :C<sub>43</sub>H<sub>30</sub>NOP

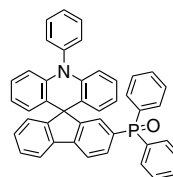
M.W. :607.68 g/mole

UV :280, 325 nm (in CH<sub>2</sub>Cl<sub>2</sub>)PL :435 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

TGA :&gt;250 °C (0.5 % weight loss)

HOMO :5.34 eV

LUMO :1.71 eV

**LT-N4110** | SSTF

10-Phenyl-2'-(triphenylsilyl)-10H-spiro[acridine-9,9'-fluorene]

CAS No. :1454372-37-2

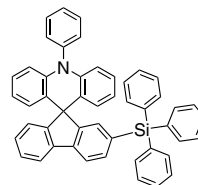
Grade :Sublimed &gt;99%

Formula :C<sub>49</sub>H<sub>35</sub>NSi

M.W. :665.89 g/mole

UV :285, 313 nm (in CH<sub>2</sub>Cl<sub>2</sub>)PL :413 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

TGA :&gt;270 °C (0.5 % weight loss)

**LT-N4113** | 4ICDPy

5,12-Dihydro-6,7-dimethyl-5,12-di-4-pyridinyl-indolo[3,2-a]carbazole

CAS No. :1803246-66-3

Grade :Sublimed &gt;99%

Formula :C<sub>30</sub>H<sub>22</sub>N<sub>4</sub>

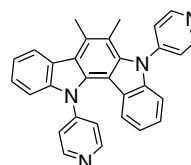
M.W. :438.52 g/mole

UV :310, 344, 359 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

HOMO :-5.47 eV

LUMO :-2.17 eV

FL :374, 381, 431nm (in 2-MeTHF)

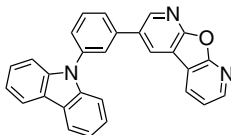


## Fluorescent Host

## LT-N4114 | 3CzPPF

3-[3-(9H-Carbazol-9-yl)phenyl]furo[2,3-b:5,4-b']dipyridine

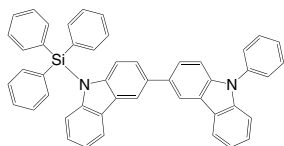
CAS No. :1443793-91-6  
 Grade :Sublimed >99%  
 Formula :C<sub>28</sub>H<sub>17</sub>N<sub>3</sub>O  
 M.W. :411.45 g/mole  
 UV :412 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :412 nm (film)  
 HOMO :-6.08 eV  
 LUMO :-3.06 eV  
 Triplet Energy:2.82 eV



## LT-N4122 | BCz-Si

9-Phenyl-9'-(triphenylsilyl)-9H,9'H-3,3'-bicarbazole

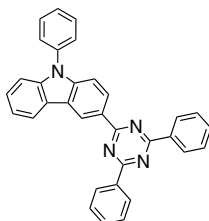
CAS No. :1770916-57-8  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>34</sub>N<sub>2</sub>Si  
 M.W. :666.88 g/mole  
 UV :245, 350 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :401 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5 % weight loss)  
 HOMO :-5.62 eV  
 LUMO :-2.3 eV



## LT-N4126 | DPTPCz

3-(4,6-Diphenyl-1,3,5-triazin-2-yl)-9-phenyl-9H-carbazole

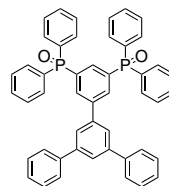
CAS No. :1313391-57-9  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :474.55 g/mole  
 UV :305, 353 nm (in EA)  
 PL :416 nm (in EA)  
 Tg :86 °C  
 HOMO :-5.69 eV  
 LUMO :-2.76 eV



## LT-N4127 | POPH

(5-Terphenyl-1,3-phenylene)bis(diphenylphosphine oxide)

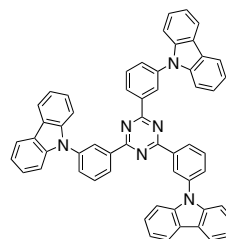
CAS No. :1818448-28-0  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>36</sub>O<sub>2</sub>P<sub>2</sub>  
 M.W. :706.75 g/mole  
 PL :355 nm (film)  
 HOMO :-6.7 eV  
 LUMO :-2.5 eV



## LT-N4128 | TCPZ

2,4,6-Tris(3-(9H-carbazol-9-yl)phenyl)-1,3,5-triazine

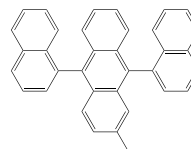
CAS No. :890148-68-2  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>36</sub>N<sub>6</sub>  
 M.W. :804.94 g/mole  
 UV :283, 296 nm (film)  
 PL :467 nm (film)  
 Tg :162 °C  
 HOMO :-6.18 eV  
 LUMO :-2.95 eV



## LT-N4151 | MAD-1N

2-Methyl-9,10-di(naphthalen-1-yl)anthracene

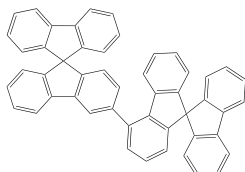
CAS No. :863497-34-1  
 Grade :Sublimed >99%  
 Formula :C<sub>35</sub>H<sub>24</sub>  
 M.W. :444.57 g/mole



## LT-N4152 | SF34

3-(9,9'-Spirofluorenyl-4-yl)-9,9'-spirofluorene

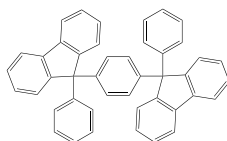
CAS No. :1799329-54-6  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>30</sub>  
 M.W. :630.77 g/mole  
 UV :306, 320 nm (in Hexane)  
 PL :369 nm (in Hexane)  
 Tg :177 °C  
 HOMO :-5.76 eV  
 LUMO :-2.11 eV



## LT-N4154 | pDPFB

1,4-Bis(9-phenyl-9H-fluoren-9-yl)benzene

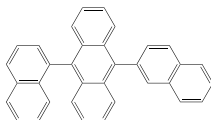
CAS No. :1138331-98-2  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>30</sub>  
 M.W. :558.71 g/mole



## LT-N4156

9-(Naphthalen-1-yl)-10-(naphthalen-2-yl)anthracene

CAS No. :855828-36-3  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>22</sub>  
 M.W. :430.54 g/mole

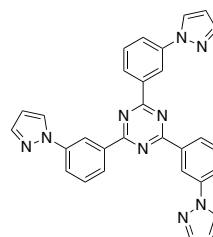


## LT-N4163 | 3P-T2T

NEW

2,4,6-Tris[3-(1H-pyrazol-1-yl)phenyl]-1,3,5-triazine

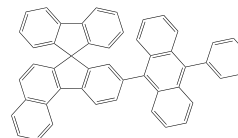
CAS No. :352196-01-1  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>21</sub>N<sub>9</sub>  
 M.W. :507.55 g/mole



## LT-N4178 | BH-9PA

9-(10-Phenylanthracen-9-yl)spiro-[benzo[c]fluorene-7,9'-fluorene]

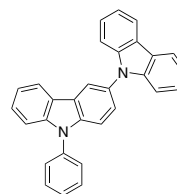
CAS No. :1262281-88-8  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>30</sub>  
 M.W. :618.76 g/mole  
 UV :395 nm (in CHCl<sub>3</sub>)  
 Emission :428 nm (in CHCl<sub>3</sub>)  
 HOMO :-5.87 eV  
 LUMO :-2.91 eV



## LT-N4188 | CCP

9-Phenyl-3,9'-bi-9H-carbazole

CAS No. :1026033-51-1  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>20</sub>N<sub>2</sub>  
 M.W. :408.49 g/mole  
 HOMO :-5.97 eV  
 LUMO :-2.52 eV

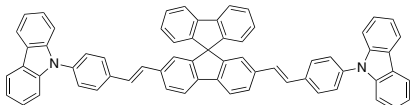




### LT-N4189 | CzPVSBF **NEW**

2,7-Bis((E)-4-(9H-carbazol-9-yl)styryl)-9,9'-spirobi[fluorene]

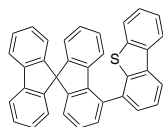
CAS No. :1219927-93-1  
 Grade :>98%  
 Formula :C<sub>65</sub>H<sub>42</sub>N<sub>2</sub>  
 M.W. :851.04 g/mole



### LT-N4191 | DBTSP4

4-(9,9'-Spirobi[fluoren]-4-yl)dibenzo[b,d]thiophene

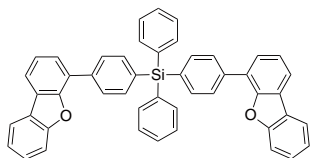
CAS No. :1422273-41-3  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>22</sub>S  
 M.W. :498.64 g/mole  
 PL :441 nm (2-MeTHF)  
 HOMO :-6.3 eV  
 LUMO :-2.7 eV



### LT-N4192 | DBFSiDBF

Bis(4-(dibenzo[b,d]furan-4-yl)phenyl)diphenylsilane

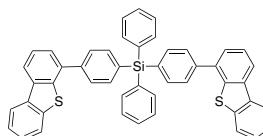
CAS No. :2655735-94-5  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>32</sub>O<sub>2</sub>Si  
 M.W. :668.85 g/mole  
 PL :351 nm (in Toluene)  
 HOMO :-6.45 eV  
 LUMO :-2.68 eV



### LT-N4193 | DBTSiDBT

Bis(4-(dibenzo[b,d]thiophen-4-yl)phenyl)diphenylsilane

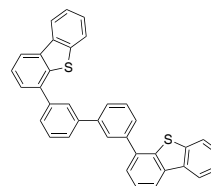
CAS No. :2655735-95-6  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>32</sub>S<sub>2</sub>Si  
 M.W. :700.98 g/mole  
 PL :355 nm (in Toluene)  
 HOMO :-6.24 eV  
 LUMO :-2.65 eV



### LT-N4194 | m-BPDPT

3,3'-Bis(dibenzo[b,d]thiophen-4-yl)-1,1'-biphenyl

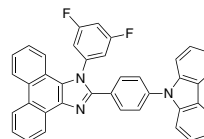
CAS No. :1128045-14-6  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>22</sub>S<sub>2</sub>  
 M.W. :518.69 g/mole  
 PL :368 nm (film)  
 HOMO :-6.19 eV  
 LUMO :-2.65 eV



### LT-N4195 | 2FPPIcz **NEW**

2-(4-(9H-carbazol-9-yl)phenyl)-1-(3,5-difluorophenyl)-1H-phenanthro[9,10-d]imidazole

CAS No. :2625519-87-9  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>23</sub>F<sub>2</sub>N<sub>3</sub>  
 M.W. :571.62 g/mole  
 UV :360 nm (in Toluene)  
 PL :403 nm (in Toluene)  
 HOMO :-5.53 eV  
 LUMO :-2.23 eV

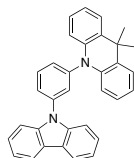


## LT-N4196

NEW

10-(3-(9H-carbazol-9-yl)phenyl)-9,9-dimethyl-9,10-dihydroacridine

CAS No. :1952256-71-1  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>26</sub>N<sub>2</sub>  
 M.W. :450.57 g/mole

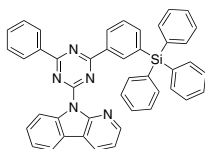


## LT-N4197

SiCblTrz

9-(4-Phenyl-6-(3-(triphenylsilyl)phenyl)-1,3,5-triazin-2-yl)-9H-pyrido[2,3-b]indole

Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>31</sub>N<sub>5</sub>Si  
 M.W. :657.84 g/mole  
 HOMO :-6.22 eV  
 LUMO :-2.69 eV

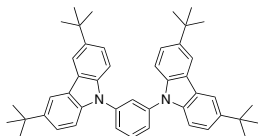


## LT-N4198

mCP-t-Bu

1,3-Bis(3,6-di-tert-butyl-9H-carbazol-9-yl)benzene

CAS No. :601454-38-0  
 Grade :Sublimed >99%  
 Formula :C<sub>46</sub>H<sub>52</sub>N<sub>2</sub>  
 M.W. :632.92 g/mole  
 UV :297, 331, 345 nm (in THF)  
 HOMO :-5.8 eV  
 LUMO :-2.4 eV

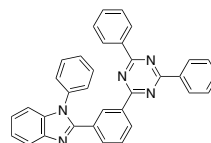


## LT-N4199

PIM-TRZ

2-(3-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-1-phenyl-1H-benzo[d]imidazole

CAS No. :2055255-50-8  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>23</sub>N<sub>5</sub>  
 M.W. :501.58 g/mole  
 HOMO :-5.90 eV  
 LUMO :-2.90 eV

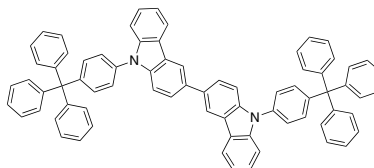


## LT-N4200

BCzTPM

9,9'-Bis(4-tritylphenyl)-9H,9'H-3,3'-bicarbazole

CAS No. :1336889-27-0  
 Grade :Sublimed >99%  
 Formula :C<sub>74</sub>H<sub>52</sub>N<sub>2</sub>  
 M.W. :969.22 g/mole  
 HOMO :-5.72 eV  
 LUMO :-2.41 eV

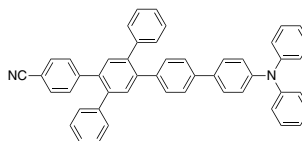


## LT-N4201

CN-TPB-TPA

4'''-(Diphenylamino)-2',5'-diphenyl-[1,1':4'',1''':4''',1''''-quaterphenyl]-4-carbonitrile

CAS No. :2408719-17-3  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>34</sub>N<sub>2</sub>  
 M.W. :650.81 g/mole  
 PL :450 nm (film)  
 HOMO :-5.22 eV  
 LUMO :-2.04 eV



### LT-N4214

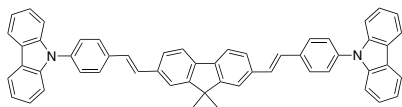
**NEW**

9,9'-(((1E,1'E)-(9,9-dimethyl-9H-fluorene-2,7-diyl)bis(ethene-2,1-diyl))bis(4,1-phenylene))bis(9H-carbazole)

Grade : >98%

Formula :  $C_{55}H_{40}N_2$

M.W. : 728.92 g/mole



### LT-N4216

**NEW**

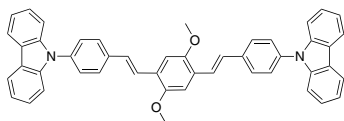
9,9'-(((1E,1'E)-(2,5-dimethoxy-1,4-phenylene)bis(ethene-2,1-diyl))bis(4,1-phenylene))bis(9H-carbazole)

CAS No. : 320575-33-5

Grade : >98%

Formula :  $C_{48}H_{36}N_2O_2$

M.W. : 672.81 g/mole



### LT-N4217

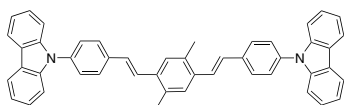
**NEW**

9,9'-(((1E,1'E)-(2,5-dimethyl-1,4-phenylene)bis(ethene-2,1-diyl))bis(4,1-phenylene))bis(9H-carbazole)

Grade : >98%

Formula :  $C_{48}H_{36}N_2$

M.W. : 640.81 g/mole



### LT-N4204

PIAnTAZ

2-(4-(10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)anthracen-9-yl)phenyl)-1-phenyl-1H-phenanthro[9,10-d]imidazole

CAS No. : 2471972-39-9

Grade : Sublimed >99%

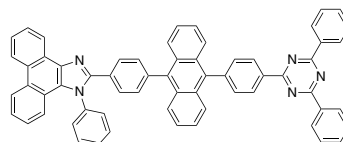
Formula :  $C_{62}H_{39}N_5$

M.W. : 854.01 g/mole

PL : 465 nm (film)

HOMO : -5.64 eV

LUMO : -3.13 eV



### LT-N4205

PIAnCN

4-(10-(4-(1-Phenyl-1H-phenanthro[9,10-d]imidazol-2-yl)phenyl)anthracen-9-yl)benzotrile

CAS No. : 2186679-41-2

Grade : Sublimed >99%

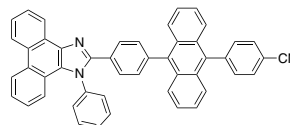
Formula :  $C_{48}H_{29}N_3$

M.W. : 647.76 g/mole

PL : 464 nm (film)

HOMO : -5.55 eV

LUMO : -2.78 eV



### LT-N4237

mCBP-CN

**NEW**

3,3'-di(carbazol-9-yl)-5-cyano-1,1'-biphenyl

CAS No. : 1327163-09-6

Grade : Sublimed >99%

Formula :  $C_{37}H_{23}N_3$

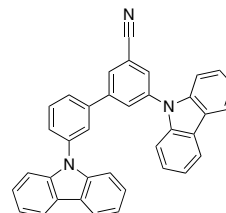
UV : 335 nm (film)

PL : 412 nm (film)

M.W. : 509.6 g/mole

HOMO : -6.1 eV

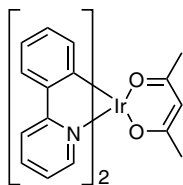
LUMO : -2.5 eV



### LT-E505 | Ir(ppy)<sub>2</sub>(acac)

Bis(2-phenylpyridine)(acetylacetonate)iridium(III)

CAS No. :337526-85-9  
 Grade :Sublimed >99%  
 Formula :C<sub>27</sub>H<sub>23</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :599.70 g/mole  
 UV :259 nm (in THF)  
 PL :524 nm (in THF)  
 TGA :> 270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

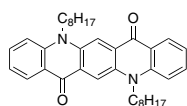


### LT-E506 | QA-C8

**NEW**

5,12-Dioctylquinolino[2,3-b]acridine-7,14(5H,12H)-dione

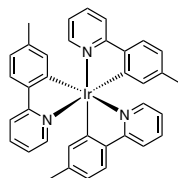
CAS No. :98259-08-6  
 Grade :Sublimed >98%  
 Formula :C<sub>36</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :536.75 g/mole



### LT-N506 | Ir(mppy)<sub>3</sub>

Tris[2-(p-tolyl)pyridine]iridium(III)

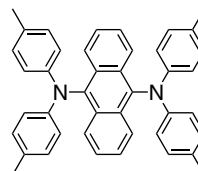
CAS No. :149005-33-4  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>30</sub>IrN<sub>3</sub>  
 M.W. :696.86 g/mole  
 UV :287, 373 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :514 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 330 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N507 | TTPA

9,10-Bis[N,N-di-(p-tolyl)-amino]anthracene

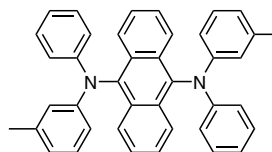
CAS No. :177799-16-5  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :568.75 g/mole  
 UV :294, 471 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :554 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>280 °C (0.5% weight loss)



### LT-N508 | TPA

9,10-Bis[phenyl(m-tolyl)-amino]anthracene

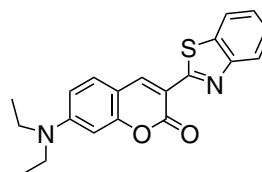
CAS No. :189263-81-8  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :540.70 g/mole  
 UV :292, 458 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :532 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-E501 | Coumarin 6

3-(2-Benzothiazolyl)-7-(diethylamino)coumarin

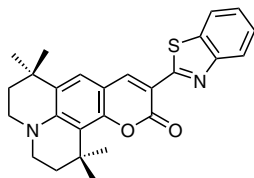
CAS No. :38215-36-0  
 Grade :Sublimed >99%  
 Formula :C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :350.43 g/mole  
 UV :443 nm (in THF)  
 PL :493 nm (in THF)  
 TGA :>260 °C (0.5% weight loss)



## LT-E502 | C545T

10-(benzo[d]thiazol-2-yl)-1,1,7,7-tetramethyl-2,3,6,7-tetrahydro-1H-pyrano[2,3-f]pyrido[3,2,1-ij]quinolin-11(5H)-one

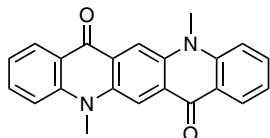
CAS No.	:155306-71-1
Grade	:Sublimed >99%
Formula	: $C_{26}H_{26}N_2O_2S$
M.W.	:430.56 g/mole
UV	:473 nm (in THF)
PL	:506 nm (in THF)
TGA	:>240 °C (0.5% weight loss)



## LT-E503 | DMQA

N,N'-Dimethyl-quinacridone

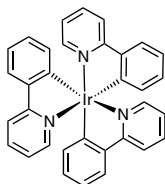
CAS No.	:19205-19-7
Grade	:Sublimed >99%
Formula	: $C_{22}H_{16}N_2O_2$
M.W.	:340.37 g/mole
UV	:294, 510 nm (in THF)
PL	:523 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



## LT-E504 | fac-Ir(ppy)3

fac-Tris(2-phenylpyridine)iridium(III)

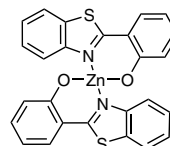
CAS No.	:94928-86-6
Grade	:Sublimed >99%
Formula	: $C_{33}H_{24}IrN_3$
M.W.	:654.78 g/mole
UV	:282, 377 nm (in THF)
PL	:513 nm (in THF)
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



## LT-N509 | Zn(BTZ)2

Bis[2-(2-hydroxyphenyl)benzothiazolato]zinc(II)

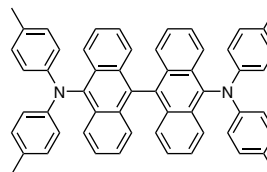
CAS No.	:58280-31-2
Grade	:Sublimed >99%
Formula	: $C_{26}H_{16}N_2O_2S_2Zn$
M.W.	:517.96 g/mole
UV	:287, 334 nm (in $CH_2Cl_2$ )
PL	:458 nm (in $CH_2Cl_2$ )
TGA	:>300 °C (0.5% weight loss)



## LT-N510 | BA-TTB

N<sub>10</sub>,N<sub>10</sub>,N<sub>10</sub>',N<sub>10</sub>'-Tetra-tolyl-9,9'-bianthracene-10,10'-diamine

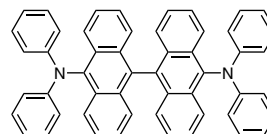
CAS No.	:223735-62-4
Grade	:Sublimed >99%
Formula	: $C_{56}H_{44}N_2$
M.W.	:744.96 g/mole
UV	:257 nm (in $CH_2Cl_2$ )
PL	:546 nm (in $CH_2Cl_2$ )
TGA	:>350 °C (0.5% weight loss)



## LT-N511 | BA-TAD

N<sub>10</sub>,N<sub>10</sub>,N<sub>10</sub>',N<sub>10</sub>'-Tetraphenyl-9,9'-bianthracene-10,10'-diamine

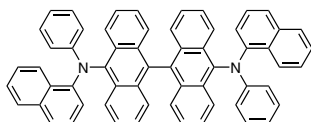
CAS No.	:220721-68-6
Grade	:Sublimed >99%
Formula	: $C_{52}H_{36}N_2$
M.W.	:688.86 g/mole
UV	:257 nm (in $CH_2Cl_2$ )
PL	:518 nm (in $CH_2Cl_2$ )
TGA	:>300 °C (0.5% weight loss)



## LT-N512 | BA-NPB

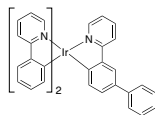
$N_{10},N_{10}'$ -Diphenyl- $N_{10},N_{10}'$ -dinaphthalenyl-9,9'-bianthracene-10,10'-diamine

CAS No.	:885502-26-1
Grade	:Sublimed >99%
Formula	: $C_{60}H_{40}N_2$
M.W.	:788.97 g/mole
UV	:255 nm (in $CH_2Cl_2$ )
PL	:517 nm (in $CH_2Cl_2$ )
TGA	:>340 °C (0.5% weight loss)

LT-N513 | Ir(ppy)2(m-bppy) **NEW**

[3-(2-Pyridinyl)[1,1'-biphenyl]-4-yl]bis[2-(2-pyridinyl)phenyl]iridium

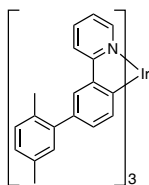
CAS No	:1034145-18-0
Grade	:Sublimed > 99% (HPLC with Stereoisomer)
Formula	: $C_{39}H_{28}IrN$
M.W.	:730.88 g/mole
UV	:262 / 275 nm (in THF)
PL	:522 nm (in THF)



## LT-N522 | TEG

fac-Tris(2-(3-p-xylyl)phenyl)pyridine iridium(III)

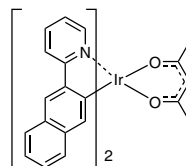
CAS No.	:1338784-40-9
Grade	:>99%
Formula	: $C_{57}H_{48}IrN_3$
M.W.	:967.3 g/mole
UV	:400 nm (in film)
PL	:539 nm (film)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Chloroform



## LT-N529 | Ir(ppy)2acac

Bis(2-(naphthalen-2-yl)pyridine)(acetylacetonate)iridium(III)

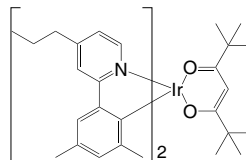
CAS No.	:878393-09-0
Grade	:Sublimed >99%
Formula	: $C_{35}H_{27}IrN_2O_2$
M.W.	:699.82 g/mole
PL	:551 nm (in $CH_2Cl_2$ )
TGA	:>270 °C (0.5% weight loss)



## LT-N562 | Ir(dmppy-pro)2tmd

Bis(2-(3,5-dimethylphenyl)-4-propylpyridine)(2,2,6,6-tetramethylheptane-3,5-diketone)iridium(III)

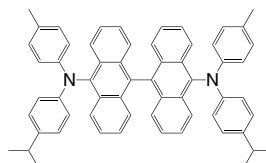
CAS No.	:2050041-60-4
Grade	:Sublimed >99%
Formula	: $C_{43}H_{55}IrN_2O_2$
M.W.	:824.14 g/mole
UV	:263, 373, 441 nm (in $CHCl_3$ )
PL	:532 nm (in $CHCl_3$ )
HOMO	: -5.1 eV
LUMO	: -2.77 eV



## LT-N564 | BPTAPA

$N_{10},N_{10}'$ -Bis(4-isopropylphenyl)- $N_{10},N_{10}'$ -di-p-tolyl-9,9'-bianthracene-10,10'-diamine

CAS No.	:1848973-32-9
Grade	:Sublimed >99%
Formula	: $C_{60}H_{52}N_2$
M.W.	:801.07 g/mole



## Green Dopant

### LT-N5002 | Ir(3mpy)3

Tris(2-phenyl-3-methyl-pyridine)iridium

CAS No. :639006-72-7

Grade :Sublimed >99%

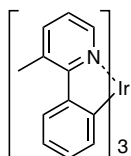
Formula :C<sub>36</sub>H<sub>30</sub>IrN<sub>3</sub>

M.W. :696.86 g/mole

UV :283, 383 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

PL :522 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

TGA :> 280 °C (0.5% weight loss)



### LT-N5131 | Ir(ppy)2(bpmp) **NEW**

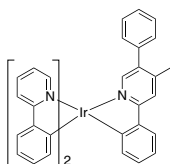
[2-(4-Methyl-5-phenyl-2-pyridinyl-κN)phenyl-κC]bis[2-(2-pyridinyl-κN)phenyl-κC] Iridium

CAS No. :1215692-34-4

Grade :Sublimed >99%

Formula :C<sub>40</sub>H<sub>30</sub>IrN<sub>3</sub>

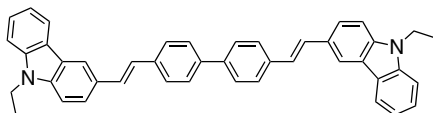
M.W. :744.9 g/mole



### LT-E601 | BCzVBi

4,4'-Bis(9-ethyl-3-carbazovinylylene)-1,1'-biphenyl

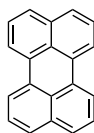
CAS No.	:475480-90-1
Grade	:Sublimed >99%
Formula	:C <sub>44</sub> H <sub>36</sub> N <sub>2</sub>
M.W.	:592.77 g/mole
UV	:384 nm (in THF)
PL	:438 nm (in THF)
TGA	:>340 °C (0.5% weight loss)



### LT-E602 | Perylene

Perylene

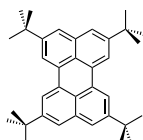
CAS No.	:198-55-0
Grade	:Sublimed >99.5%
Formula	:C <sub>20</sub> H <sub>12</sub>
M.W.	:252.31 g/mole
UV	:410, 436 nm (in THF)
PL	:471 nm (in THF)
TGA	:>200 °C (0.5% weight loss)



### LT-E603 | TBPe

2,5,8,11-Tetra-tert-butylperylene

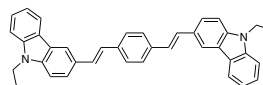
CAS No.	:80663-92-9
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>44</sub>
M.W.	:476.73 g/mole
UV	:412, 438 nm (in THF)
PL	:457nm (in DCM)
TGA	:>220 °C (0.5% weight loss)



### LT-E604 | BCzVB

1,4-Bis[2-(3-N-ethylcarbazovinylyl)vinyl]benzene

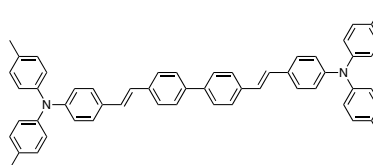
CAS No.	:62608-15-5
Grade	:>99%
Formula	:C <sub>38</sub> H <sub>32</sub> N <sub>2</sub>
M.W.	:516.67 g/mole
UV	:372, 388 nm (in CHCl <sub>3</sub> )
PL	:441, 462 nm (in CHCl <sub>3</sub> )
TGA	:>360 °C (0.5% weight loss)



### LT-E605 | DPAVBi

4,4'-Bis[4-(di-p-tolylamino)styryl]biphenyl

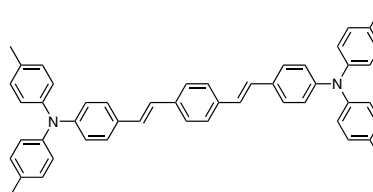
CAS No.	:119586-44-6
Grade	:>99%
Formula	:C <sub>56</sub> H <sub>48</sub> N <sub>2</sub>
M.W.	:748.99 g/mole
UV	:405 nm (in THF)
PL	:475 nm (in THF)
TGA	:>320 °C (0.5% weight loss)



### LT-E606 | DPAVB

4-(Di-p-tolylamino)-4'-[(di-p-tolylamino)styryl]stilbene

CAS No.	:596103-58-1
Grade	:>99%
Formula	:C <sub>50</sub> H <sub>44</sub> N <sub>2</sub>
M.W.	:672.90 g/mole
UV	:415 nm (in Toluene)
PL	:467, 496 nm (in Toluene)
TGA	:>340 °C (0.5% weight loss)



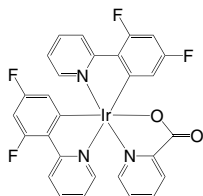


## Blue Dopant

### LT-E607 | FlrPic

Bis[2-(4,6-difluorophenyl)pyridinato-*C*<sub>2</sub>,*N*](picolinato) iridium(III)

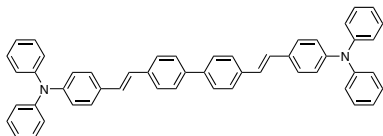
CAS No.	:376367-93-0
Grade	:>99%
Formula	:C <sub>28</sub> H <sub>16</sub> F <sub>4</sub> IrN <sub>3</sub> O <sub>2</sub>
M.W.	:694.66 g/mole
UV	:258 nm (in THF)
PL	:472 nm (in THF)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E608 | BDAVBi

4,4'-Bis[4-(diphenylamino)styryl]biphenyl

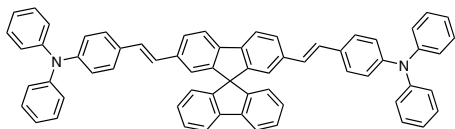
CAS No.	:523977-57-3
Grade	:>99%
Formula	:C <sub>52</sub> H <sub>40</sub> N <sub>2</sub>
M.W.	:692.89 g/mole
UV	:399 nm (in THF)
PL	:466 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



### LT-N446 | Spiro-BDAVBi

2,7-Bis[4-(diphenylamino)styryl]-9,9-spirobifluorene

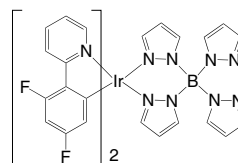
CAS No.	:436798-89-9
Grade	:>99%
Formula	:C <sub>65</sub> H <sub>46</sub> N <sub>2</sub>
M.W.	:855.07 g/mole
UV	:414 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:482 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>390 °C (0.5% weight loss)



### LT-N620 | Flr6

Bis(2,4-difluorophenylpyridinato)tetrakis(1-pyrazolyl)borate iridium(III)

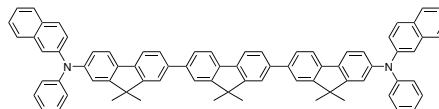
CAS No.	:664374-03-2
Grade	:>99%
Formula	:C <sub>34</sub> H <sub>24</sub> BF <sub>4</sub> IrN <sub>10</sub>
M.W.	:851.65 g/mole
UV	:367 nm (in THF)
PL	:461 nm (in THF)
TGA	:>280 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N623 | BNP3FL

N,N'-Bis(naphthalen-2-yl)-N,N'-bis(phenyl)-tris-(9,9-dimethylfluorenylene)

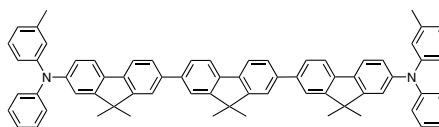
CAS No.	:669016-17-5
Grade	:>99%
Formula	:C <sub>77</sub> H <sub>60</sub> N <sub>2</sub>
M.W.	:1013.31 g/mole
UV	:387 nm (in THF)
PL	:437 nm (in THF)
TGA	:>450 °C (0.5% weight loss)



### LT-N624 | MDP3FL

2,7-Bis[2-[phenyl(m-tolyl)amino]-9,9-dimethyl-fluorene-7-yl]-9,9-dimethyl-fluorene

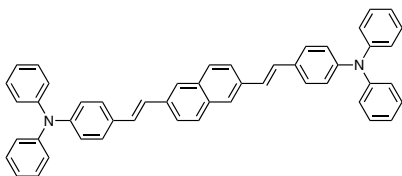
CAS No.	:239476-24-5
Grade	:>99%
Formula	:C <sub>71</sub> H <sub>60</sub> N <sub>2</sub>
M.W.	:941.25 g/mole
UV	:385 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:460 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>430 °C (0.5% weight loss)



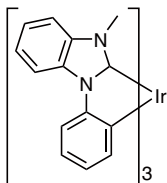
**LT-N627** | N-BDAVBi

N-(4-((E)-2-(6-((E)-4-(Diphenylamino)styryl)naphthalen-2-yl)vinyl)phenyl)-N-phenylbenzenamine

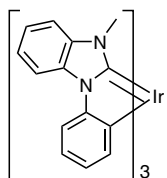
CAS No. :1032556-63-0  
 Grade :>99%  
 Formula :C<sub>50</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :666.85 g/mole  
 UV :407 nm (in THF)  
 PL :469 nm (in THF)  
 TGA :>370 °C (0.5% weight loss)

**LT-N629** | fac-Ir(Pmb)3fac-Iridium(III) tris(1-phenyl-3-methylbenzimidazolin-2-ylidene-C,C<sub>2</sub>')

CAS No. :1542678-40-9  
 Grade :>99%  
 Formula :C<sub>42</sub>H<sub>33</sub>IrN<sub>6</sub>  
 M.W. :813.96 g/mole  
 UV :299 nm (in THF)  
 PL :405 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)

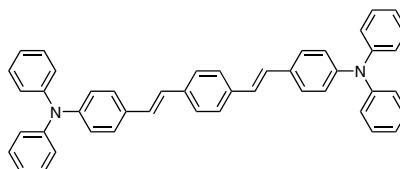
**LT-N630** | mer-Ir(Pmb)3mer-Iridium(III) tris(1-phenyl-3-methylbenzimidazolin-2-ylidene-C,C<sub>2</sub>')

CAS No. :926292-95-7  
 Grade :>99%  
 Formula :C<sub>42</sub>H<sub>33</sub>IrN<sub>6</sub>  
 M.W. :813.96 g/mole  
 UV :303 nm (in THF)  
 PL :415 nm (in THF)  
 TGA :>280 °C (0.5% weight loss)

**LT-N631** | DSA-Ph

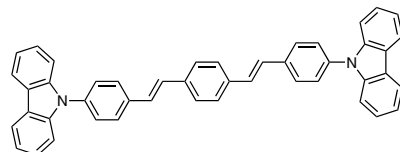
1,4-Di-[4-(N,N-diphenyl)amino]styryl-benzene

CAS No. :358374-59-1  
 Grade :>99%  
 Formula :C<sub>46</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :616.79 g/mole  
 UV :409 nm (in Toluene)  
 PL :459, 487 nm (in Toluene)  
 TGA :>320 °C (0.5% weight loss)

**LT-N632** | BCzSB

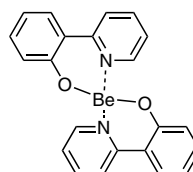
1,4-Bis(4-(9H-carbazol-9-yl)styryl)benzene

CAS No. :320575-30-2  
 Grade :>99%  
 Formula :C<sub>46</sub>H<sub>32</sub>N<sub>2</sub>  
 M.W. :612.76 g/mole  
 UV :375 nm (in Toluene)  
 PL :427, 451 nm (in Toluene)  
 TGA :>310 °C (0.5% weight loss)

**LT-N634** | Bepp2

Bis(2-(2-hydroxyphenyl)-pyridine)beryllium

CAS No. :220694-90-6  
 Grade :Sublimed >99%  
 Formula :C<sub>22</sub>H<sub>16</sub>BeN<sub>2</sub>O<sub>2</sub>  
 M.W. :349.39 g/mole  
 PL :445 nm (in CHCl<sub>3</sub>)  
 TGA :>250 °C (0.5% weight loss)

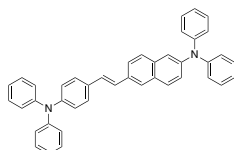


### LT-N633 | DPASN

**NEW**

(E)-6-(4-(Diphenylamino)styryl)-N,N'-diphenyl-naphthalen-2-amine

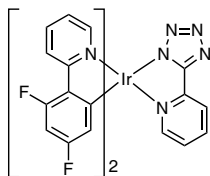
CAS No. : 1093402-99-3  
 Grade : >99%  
 Formula :  $C_{42}H_{32}N_2$   
 M.W. : 564.72 g/mole  
 HOMO : -5.2 eV  
 LUMO : -2.3 eV



### LT-N635 | FlrN4

Bis(2,4-difluorophenylpyridinato)(5-(pyridin-2-yl)-1H-tetrazolate) iridium(III)

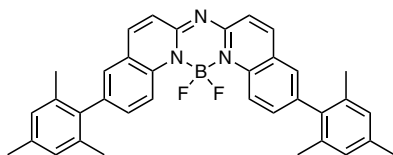
CAS No. : 1219078-44-0  
 Grade : >99%  
 Formula :  $C_{28}H_{16}F_4IrN_7$   
 M.W. : 718.67 g/mole  
 UV : 368 nm (in THF)  
 PL : 459 nm (in THF)  
 TGA : >270 °C (0.5% weight loss)



### LT-N642 | MQAB

(Z)-6-Mesityl-N-(6-mesitylquinolin-2(1H)-ylidene)quinolin-2-amine-BF<sub>2</sub> complex

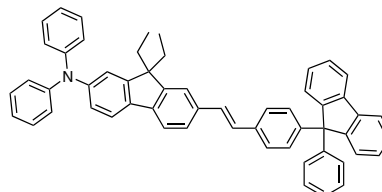
CAS No. : 1338788-44-5  
 Grade : >99%  
 Formula :  $C_{36}H_{32}BF_2N_3$   
 M.W. : 555.47 g/mole  
 UV : 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 476 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >280 °C (0.5% weight loss)



### LT-N645 | DPAFV

9-[4-(2-(7-(N,N-Diphenylamino)-9,9-diethylfluorene-2-yl)vinyl)phenyl]-9-phenyl-fluorene

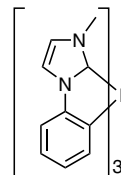
CAS No. : 1239588-65-8  
 Grade : >99%  
 Formula :  $C_{56}H_{45}N$   
 M.W. : 731.96 g/mole  
 UV : 386 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 465 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >260 °C (0.5% weight loss)



### LT-N646 | mer-Ir(pmi)3

mer-Tris(1-phenyl-3-methylimidazolin-2-ylidene-C,C(2)')iridium(III)

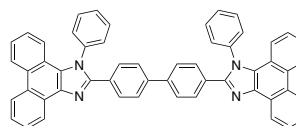
CAS No. : 870009-65-7  
 Grade : >99%  
 Formula :  $C_{30}H_{27}IrN_6$   
 M.W. : 663.85 g/mole  
 UV : 267 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 410 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >250 °C (0.5% weight loss)



### LT-N647 | PPIP

4,4'-Bis(1-phenyl-1H-phenanthro[9,10-d]imidazol-2-yl)biphenyl

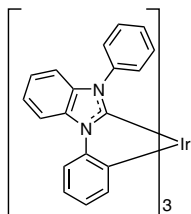
CAS No. : 1147081-46-6  
 Grade : Sublimed >99%  
 Formula :  $C_{54}H_{34}N_4$   
 M.W. : 738.87 g/mole



**LT-N658** | fac-Ir(dpbc)3

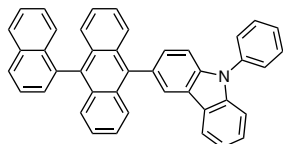
fac-Tris(1,3-diphenyl-benzimidazolin-2-ylidene-C,C<sub>2</sub>' )  
iridium(III)

CAS No.	:888725-36-8
Grade	:>99%
Formula	:C <sub>57</sub> H <sub>42</sub> IrN <sub>6</sub>
M.W.	:1003.2 g/mole
UV	:281, 302 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:407 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>350 °C (0.5% weight loss)

**LT-N662** | PCAN

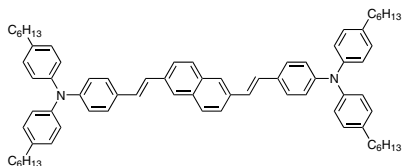
9-(9-Phenylcarbazole-3-yl)-10-(naphthalene-1-yl)anthracene

CAS No.	:1261580-75-9
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>27</sub> N
M.W.	:545.67 g/mole
UV	:244, 397 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:441 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>330 °C (0.5% weight loss)

**LT-N663** | N-BDAVBi-C6

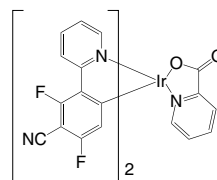
4,4'-(1E,1'E)-2,2'-(Naphthalene-2,6-diyl)bis(ethene-2,1-diyl)  
bis(N,N-bis(4-hexylphenyl)aniline)

CAS No.	:1258522-36-9
Grade	:>99%
Formula	:C <sub>74</sub> H <sub>86</sub> N <sub>2</sub>
M.W.	:1003.49 g/mole
UV	:407 nm (in THF)
PL	:469 nm (in THF)

**LT-N664** | FCNIrPic

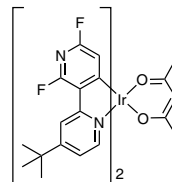
Bis(3,5-difluoro-4-cyano-2-(2-pyridyl)phenyl-(2-  
carboxypyridyl) iridium(III)

CAS No.	:665005-28-7
Grade	:>99%
Formula	:C <sub>30</sub> H <sub>14</sub> F <sub>4</sub> IrN <sub>5</sub> O <sub>2</sub>
M.W.	:744.68 g/mole
UV	:249, 281 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:463 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

**LT-N669** | FK306

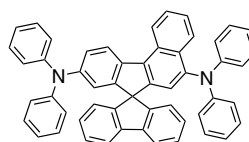
Bis[4-tert-butyl-2',6'-difluoro-2,3'-bipyridine](acetylacetonate)  
iridium(III)

CAS No.	:1421058-47-0
Grade	:>99%
Formula	:C <sub>33</sub> H <sub>33</sub> F <sub>4</sub> IrN <sub>5</sub> O <sub>2</sub>
M.W.	:785.85 g/mole
UV	:244 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:454 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>280 °C (0.5% weight loss)

**LT-N677** | TPA-SBFF

N<sub>5</sub>,N<sub>5</sub>,N<sub>9</sub>,N<sub>9</sub>-Tetraphenylspiro[benzo[c]fluorene-7,9'-fluorene]-  
5,9-diamine

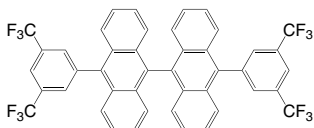
CAS No.	:1262333-45-8
Grade	:Sublimed >99%
Formula	:C <sub>53</sub> H <sub>36</sub> N <sub>2</sub>
M.W.	:700.87 g/mole
UV	:416 nm (film)
PL	:484 nm (film)
HOMO	: -5.48 eV
LUMO	: -2.77 eV
Triplet Energy:	120 °C



### LT-N678 | Ban-(3,5)-CF3

10,10'-Bis(3,5-bis(trifluoromethyl)phenyl)-9,9'-bianthracene

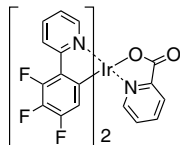
CAS No.	:1505456-00-7
Grade	:>99%
Formula	:C <sub>44</sub> H <sub>22</sub> F <sub>12</sub>
M.W.	:778.63 g/mole
UV	:259, 400 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:440 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)



### LT-N679 | Ir(tfpd)2pic

Bis(3,4,5-trifluoro-2-(2-pyridyl)phenyl)-(2-carboxypyridyl) iridium(III)

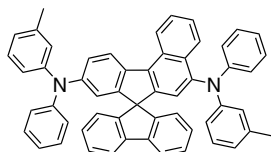
CAS No.	:1417790-60-3
Grade	:>99%
Formula	:C <sub>28</sub> H <sub>14</sub> F <sub>6</sub> IrN <sub>3</sub> O <sub>2</sub>
M.W.	:730.64 g/mole
UV	:254 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:483 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>280 °C (0.5% weight loss)



### LT-N680 | BD-6MDPA

N<sub>5</sub>N<sub>9</sub>-Diphenyl-N<sub>5</sub>N<sub>9</sub>-di-m-tolylspiro[benzo[c]fluorene-7,9'-fluorene]-5,9-diamine

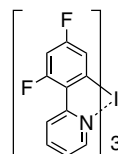
CAS No.	:1262281-91-3
Grade	:>99%
Formula	:C <sub>55</sub> H <sub>40</sub> N <sub>2</sub>
M.W.	:728.92 g/mole
UV	:408 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:468 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>220 °C (0.5% weight loss)



### LT-N697 | Ir(Fppy)3

Tris(2-(4,6-difluorophenyl)pyridine)iridium(III)

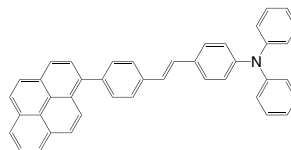
CAS No.	:387859-70-3
Grade	:>99%
Formula	:C <sub>33</sub> H <sub>18</sub> F <sub>6</sub> IrN <sub>3</sub>
M.W.	:762.72 g/mole
UV	:262 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:493 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)



### LT-N6015 | DPASP

(E)-N,N-Diphenyl-4-(4-(pyren-1-yl)styryl)aniline

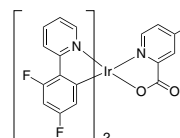
CAS No.	:2782701-07-7
Grade	:>99%
Formula	:C <sub>42</sub> H <sub>29</sub> N
M.W.	:547.69 g/mole
UV	:385 nm (in Toluene)
PL	:451 nm (in Toluene)
Tg	:96 °C
HOMO	:-5.3 eV
LUMO	:-2.45 eV



### LT-N6086 | Fir4mpic

Bis[2-(4,6-difluorophenyl)pyridinato-C<sub>2</sub>N](4-methylpicolinato) iridium(III)

Grade	:Sublimed >99%
Formula	:C <sub>29</sub> H <sub>18</sub> F <sub>4</sub> IrN <sub>3</sub> O <sub>2</sub>
M.W.	:708.68 g/mole
PL	:470 nm (in DCM)
HOMO	:-5.74 eV
LUMO	:-3.02 eV



### LT-S9058 | BSB4

4,4'-Bis(4-(9H-carbazol-9-yl)styryl)biphenyl

CAS No. :850594-34-2

Grade :Sublimed >99%

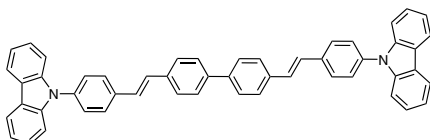
Formula :C<sub>52</sub>H<sub>36</sub>N<sub>2</sub>

M.W. :688.86 g/mole

UV :367 nm (in THF)

PL :424, 444 nm (in THF)

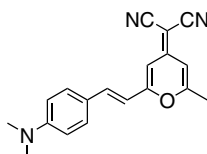
TGA :> 320 °C (0.5% weight loss)



### LT-E701 | DCM

(E)-2-(2-(4-(Dimethylamino)styryl)-6-methyl-4H-pyran-4-ylidene)malononitrile

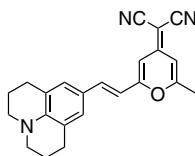
CAS No. :51325-91-8  
 Grade :Sublimed >99%  
 Formula :C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>O  
 M.W. :303.36 g/mole  
 UV :462 nm (in THF)  
 PL :577 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)



### LT-E702 | DCM2

4-(Dicyanomethylene)-2-methyl-6-julolidyl-9-enyl-4H-pyran

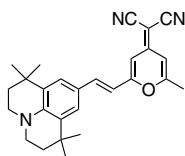
CAS No. :51325-95-2  
 Grade :Sublimed >99%  
 Formula :C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O  
 M.W. :355.43 g/mole  
 UV :497 nm (in THF)  
 PL :605 nm (in THF)  
 TGA :>230 °C (0.5% weight loss)



### LT-E703 | DCJT

4-(Dicyanomethylene)-2-methyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran

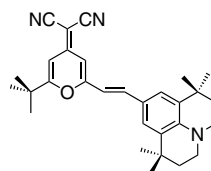
CAS No. :159788-00-8  
 Grade :Sublimed >99%  
 Formula :C<sub>27</sub>H<sub>29</sub>N<sub>3</sub>O  
 M.W. :411.54 g/mole  
 UV :497 nm (in THF)  
 PL :604 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



### LT-E704 | DCJT8

4-(Dicyanomethylene)-2-tert-butyl-6-(1,1,7,7-tetramethyljulolidin-4-yl-vinyl)-4H-pyran

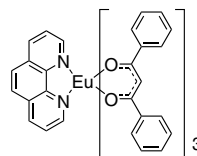
CAS No. :200052-70-6  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>35</sub>N<sub>3</sub>O  
 M.W. :453.62 g/mole  
 UV :501 nm (in THF)  
 PL :602 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)



### LT-E706 | Eu(dbm)3(Phen)

Tris(dibenzoylmethane)phenanthroline europium(III)

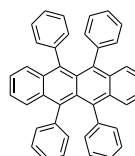
CAS No. :17904-83-5  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>41</sub>N<sub>2</sub>O<sub>6</sub>Eu  
 M.W. :1001.93 g/mole  
 UV :257, 355 nm (in THF)  
 PL :615 nm (in THF)  
 TGA :>180 °C (0.5% weight loss)



### LT-E707 | Rubrene

5,6,11,12-Tetraphenylanthracene

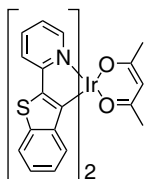
CAS No. :517-51-1  
 Grade :Sublimed >99%  
 Formula :C<sub>22</sub>H<sub>28</sub>  
 M.W. :532.67 g/mole  
 UV :299 nm (in THF)  
 PL :553 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-E709 | Ir(btp)2(acac)

Bis(2-benzo[b]thiophen-2-yl-pyridine)(acetylacetonate) iridium(III)

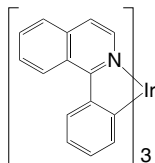
CAS No. :343978-79-0  
 Grade :Sublimed >99%  
 Formula :C<sub>31</sub>H<sub>23</sub>IrN<sub>2</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :711.87 g/mole  
 UV :283 nm (in THF)  
 PL :615 nm (in THF)  
 TGA :>310 °C (0.5% weight loss)



### LT-E711 | Ir(piq)3

Tris(1-phenylisoquinoline)iridium(III)

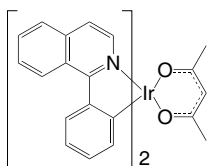
CAS No. :435293-93-9  
 Grade :Sublimed >99%  
 Formula :C<sub>45</sub>H<sub>30</sub>N<sub>3</sub>Ir  
 M.W. :804.96 g/mole  
 UV :380 nm (in THF)  
 PL :616 nm (in THF)  
 TGA :>340 °C(0.5% weight loss)



### LT-E713 | Ir(piq)2(acac)

Bis(1-phenylisoquinoline)(acetylacetonate)iridium(III)

CAS No. :435294-03-4  
 Grade :Sublimed >99%  
 Formula :C<sub>35</sub>H<sub>27</sub>N<sub>2</sub>O<sub>2</sub>Ir  
 M.W. :699.82 g/mole  
 UV :379 nm (in THF)  
 PL :623 nm (in THF)  
 TGA :>320 °C(0.5% weight loss)

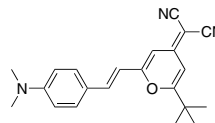


### LT-E714 | DCMB

**NEW**

(E)-2-(2-(4-(Dimethylamino)styryl)-6-tertbutyl-4H-pyran-4-ylidene)malononitrile

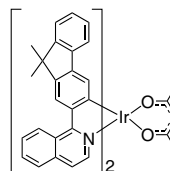
Grade :Sublimed >99%  
 Formula :C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O  
 M.W. :345.44 g/mole



### LT-N721 | Ir(fliq)2(acac)

Bis[1-(9,9-dimethyl-9H-fluoren-2-yl)-isoquinoline] (acetylacetonate)iridium(III)

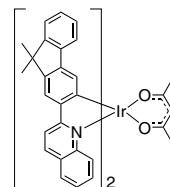
CAS No. :1617506-77-0  
 Grade :Sublimed >99%  
 Formula :C<sub>53</sub>H<sub>43</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :932.14 g/mole  
 UV :285, 368 nm (in THF)  
 PL :653 nm (in THF)  
 TGA :>350 °C (0.5% weight loss)



### LT-N724 | Ir(flq)2(acac)

Bis[2-(9,9-dimethyl-9H-fluoren-2-yl)quinoline] (acetylacetonate)iridium(III)

CAS No. :889750-25-8  
 Grade :Sublimed >99%  
 Formula :C<sub>53</sub>H<sub>43</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :932.14 g/mole  
 UV :309, 368 nm (in THF)  
 PL :615 nm (in THF)  
 TGA :>320 °C (0.5% weight loss)



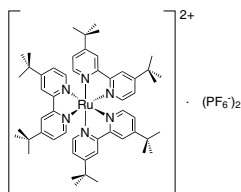


## Red Dopant

### LT-N727 | Ru(dtb-bpy)3 · 2(PF6)

Tris[4,4'-di-tert-butyl-(2,2')-bipyridine]ruthenium(III)complex

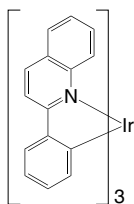
CAS No.	:75777-87-6
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>72</sub> F <sub>12</sub> N <sub>6</sub> P <sub>2</sub> Ru
M.W.	:1196.19 g/mole
UV	:289, 462 nm (in THF)
PL	:614 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-N728 | Ir(2-phq)3

Tris(2-phenylquinoline)iridium(III)

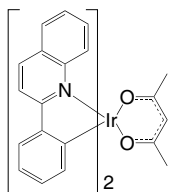
CAS No.	:911142-72-8
Grade	:Sublimed >98.5%
Formula	:C <sub>45</sub> H <sub>30</sub> N <sub>3</sub> Ir
M.W.	:804.97 g/mole
UV	:271, 406 nm (in THF)
PL	:579 nm (in THF)
TGA	:>300 °C(0.5% weight loss)



### LT-N729 | Ir(2-phq)2(acac)

Bis(2-phenylquinoline)(acetylacetonate)iridium(III)

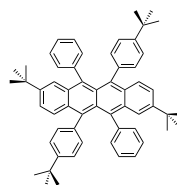
CAS No.	:337526-95-1
Grade	:Sublimed >99%
Formula	:C <sub>35</sub> H <sub>27</sub> N <sub>2</sub> O <sub>2</sub> Ir
M.W.	:699.82 g/mole
UV	:290, 343 nm (in THF)
PL	:592 nm (in THF)
TGA	:>270 °C(0.5% weight loss)



### LT-N732 | TBRb

2,8-Di-tert-butyl-5,11-bis(4-tert-butylphenyl)-6,12-diphenyltetracene

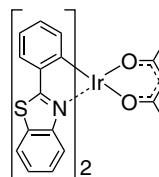
CAS No.	:682806-51-5
Grade	:Sublimed >99%
Formula	:C <sub>58</sub> H <sub>60</sub>
M.W.	:757.1 g/mole
UV	:306 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:571 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>310 °C (0.5% weight loss):



### LT-N733 | Ir(BT)2(acac)

Bis(2-phenylbenzothiazolato)(acetylacetonate)iridium(III)

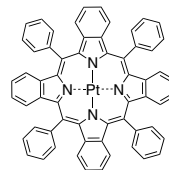
CAS No.	:337526-88-2
Grade	:Sublimed >99%
Formula	:C <sub>31</sub> H <sub>23</sub> IrN <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
M.W.	:711.87 g/mole
UV	:271 nm (in THF)
PL	:563 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



### LT-N734 | Pt(TPBP)

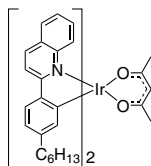
Platinum(II) 5,10,15,20-tetraphenyltetrabenzoporphyrin

CAS No.	:166174-05-6
Grade	:>96%
Formula	:C <sub>60</sub> H <sub>36</sub> N <sub>4</sub> Pt
M.W.	:1008.03 g/mole
UV	:430, 610 nm (in THF)
PL	:765 nm (in THF)
TGA	:>320 °C (0.5% weight loss)



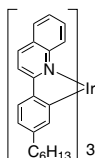
### LT-N740 | Hex-Ir(phq)2(acac)

Bis[2-(4-n-hexylphenyl)quinoline](acetylacetonate)iridium(III)  
 CAS No. :1404197-18-7  
 Grade :>99%  
 Formula :C<sub>47</sub>H<sub>51</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :868.14 g/mole  
 UV :344 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :588 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>210 °C (0.5% weight loss)



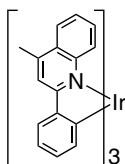
### LT-N741 | Hex-Ir(phq)3

Tris[2-(4-n-hexylphenyl)quinoline]iridium(III)  
 CAS No. :1268460-37-2  
 Grade :>99%  
 Formula :C<sub>63</sub>H<sub>66</sub>IrN<sub>3</sub>  
 M.W. :1057.43 g/mole  
 UV :323 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :583 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



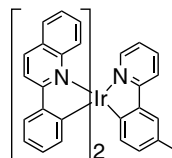
### LT-N742 | Ir(Mphq)3

Tris[2-phenyl-4-methylquinoline]iridium(III)  
 CAS No. :1433853-90-7  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>36</sub>IrN<sub>3</sub>  
 M.W. :847.04 g/mole  
 UV :259, 270 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :573 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



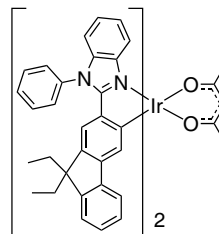
### LT-N743 | Ir(phq)2tpy

Bis(2-phenylquinoline)(2-(3-methylphenyl)pyridinate)iridium(III)  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>30</sub>IrN<sub>3</sub>  
 M.W. :768.93 g/mole  
 UV :256, 271 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :604 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



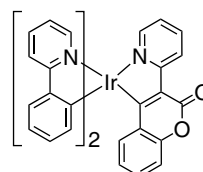
### LT-N744 | Ir(fbi)2(acac)

Bis(2-(9,9-diethyl-fluoren-2-yl)-1-phenyl-1H-benzo[d]imidazolato)(acetylacetonate)iridium(III)  
 CAS No. :725251-24-1  
 Grade :>99%  
 Formula :C<sub>65</sub>H<sub>57</sub>IrN<sub>4</sub>O<sub>2</sub>  
 M.W. :1118.40 g/mole  
 UV :421 nm (in THF)  
 PL :538 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N745 | fac-Ir(ppy)2Pc

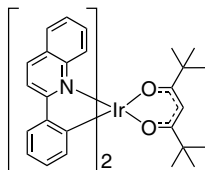
Bis(2-phenylpyridine)(3-(pyridin-2-yl)-2H-chromen-2-one)iridium(III)  
 CAS No. :1003562-42-2  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>24</sub>IrN<sub>3</sub>O<sub>2</sub>  
 M.W. :722.82 g/mole  
 UV :319 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :550 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>340 °C (0.5% weight loss)



### LT-N746 | Ir(dpm)PQ2

Bis(2-phenylquinoline)(2,2,6,6-tetramethylheptane-3,5-dionate)iridium(III)

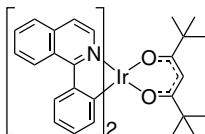
CAS No.	:713079-03-9
Grade	:Sublimed >99%
Formula	:C <sub>41</sub> H <sub>39</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:783.98 g/mole
UV	:333 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:595 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>290 °C (0.5% weight loss)



### LT-N747 | Ir(dpm)(piq)2

Bis(phenylisoquinoline)(2,2,6,6-tetramethylheptane-3,5-dionate) iridium(III)

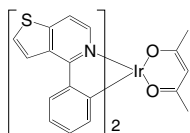
CAS No.	:1202867-58-0
Grade	:Sublimed >99%
Formula	:C <sub>41</sub> H <sub>39</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:783.98 g/mole
UV	:354, 479 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:628 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>310 °C (0.5% weight loss)



### LT-N748 | PO-01

Bis(4-phenylthieno[3,2-c]pyridinato-N,C<sub>2'</sub>) (acetylacetonate) iridium(III)

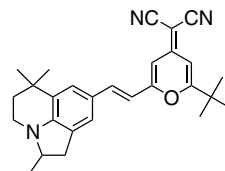
CAS No.	:1258323-36-2
Grade	:>99%
Formula	:C <sub>31</sub> H <sub>23</sub> IrN <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
M.W.	:712.08 g/mole
UV	:231, 301 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:555 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>310 °C (0.5% weight loss)
HOMO	:5.1 eV
LUMO	:2.9 eV



### LT-N749 | DCQTB

(E)-2-(2-tert-Butyl-6-(2-(2,6,6-trimethyl-2,4,5,6-tetrahydro-1H-pyrrolo[3,2,1-ij]quinolin-8-yl)vinyl)-4H-pyran-4-ylidene) malononitrile

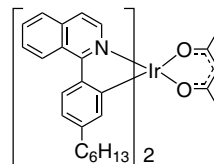
CAS No.	:953079-91-9
Grade	:>98%
Formula	:C <sub>28</sub> H <sub>31</sub> N <sub>3</sub> O
M.W.	:425.57 g/mole
UV	:485 nm (in THF)
PL	:629 nm (in THF)
TGA	:>340 °C (0.5% weight loss)



### LT-N751 | Hex-Ir(piq)2(acac)

Bis[(4-n-hexylphenyl)isoquinoline](acetylacetonate) iridium(III)

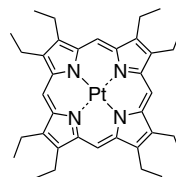
CAS No.	:435294-13-6
Grade	:>99%
Formula	:C <sub>47</sub> H <sub>51</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:868.22 g/mole
UV	:301, 346 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:612 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>200 °C (0.5% weight loss)



### LT-N752 | PtOEP

Platinum(II) octaethylporphine

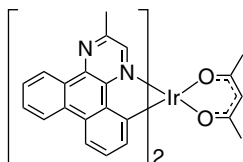
CAS No.	:31248-39-2
Grade	:>95%
Formula	:C <sub>36</sub> H <sub>44</sub> N <sub>4</sub> Pt
M.W.	:727.84 g/mole
UV	:389, 534 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:646±1 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>290 °C (5% weight loss)



### LT-N753 | Ir(MDQ)2(acac)

Bis(2-methylidibenzof[h]quinoxaline)(acetylacetonate) iridium(III)

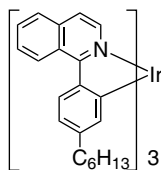
CAS No.	:536755-34-7
Grade	:Sublimed >99%
Formula	:C <sub>39</sub> H <sub>29</sub> IrN <sub>4</sub> O <sub>2</sub>
M.W.	:777.88 g/mole
UV	:325, 428 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:616 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>290 °C (0.5% weight loss)



### LT-N754 | Hex-Ir(piq)3

Tris[2-(4-n-hexylphenyl)quinoline]iridium(III)

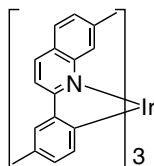
CAS No.	:1240249-29-9
Grade	:>99%
Formula	:C <sub>63</sub> H <sub>66</sub> IrN <sub>3</sub>
M.W.	:1057.43 g/mole
UV	:325, nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:617 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)



### LT-N757 | Ir(dmpq)3

Tris(2-(3-methylphenyl)-7-methyl-quinolato)iridium

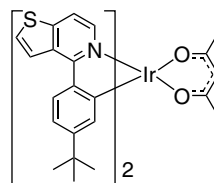
Grade	:Sublimed >99%
Formula	:C <sub>51</sub> H <sub>42</sub> IrN <sub>3</sub>
M.W.	:889.12 g/mole
TGA	:>280 °C (0.5% weight loss)



### LT-N758 | PO-01-TB

Iridium(III) bis(4-(4-tert-butylphenyl)thieno[3,2-c]pyridinato-N,C<sub>2</sub>)acetylacetonate

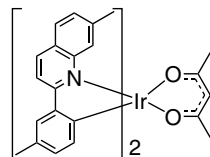
CAS No.	:1267497-10-8
Grade	:>99%
Formula	:C <sub>39</sub> H <sub>39</sub> IrN <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
M.W.	:824.21 g/mole
UV	:448 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:562 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)



### LT-N762 | Ir(dmpq)2(acac)

Bis[2-(2-methylphenyl)-7-methyl-quinoline](acetylacetonate) iridium(III)

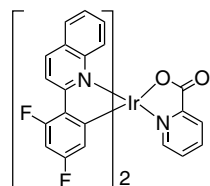
CAS No.	:909542-64-9
Grade	:Sublimed >99%
Formula	:C <sub>39</sub> H <sub>35</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:755.92 g/mole
UV	:273, 348 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:600 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>320 °C (0.5% weight loss)



### LT-N765 | FPQlrpic

Iridium(III) bis(2-(2,4-difluorophenyl)quinoline)picolinate

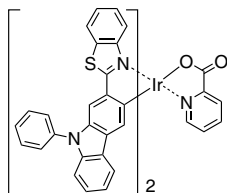
CAS No.	:1621179-34-7
Grade	:>99%
Formula	:C <sub>36</sub> H <sub>20</sub> F <sub>4</sub> IrN <sub>3</sub> O <sub>2</sub>
M.W.	:795.11 g/mole
UV	:342 nm (in THF)
PL	:554 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



### LT-N766 | Ir(2-BtcPh)2(pic)

Bis[2-(9-phenylcarbazol-2-yl)-benzothiazole] iridium(III) picolinate

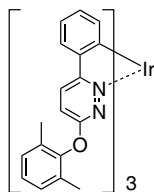
CAS No.	:1452824-22-4
Grade	:>99%
Formula	:C <sub>56</sub> H <sub>34</sub> IrN <sub>5</sub> O <sub>2</sub> S <sub>2</sub>
M.W.	:1065.18 g/mole
UV	:324 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:624 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>280 °C(0.5% weight loss)



### LT-N767 | Ir(DMP)3

Tris[3-(2,6-dimethylphenoxy)-6-phenylpyridazine]iridium(III)

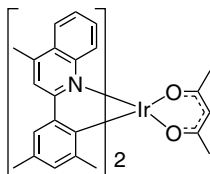
CAS No.	:1542693-87-7
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>45</sub> IrN <sub>6</sub> O <sub>3</sub>
M.W.	:1018.19 g/mole
UV	:250 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:552 nm (in CH <sub>2</sub> Cl <sub>2</sub> )



### LT-N768 | Ir(mphmq)2(acac)

Bis[2-(3,5-dimethylphenyl)-4-methyl-quinoline] (acetylacetonate)iridium(III)

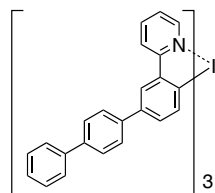
CAS No.	:1228537-77-6
Grade	:Sublimed >99%
Formula	:C <sub>41</sub> H <sub>39</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:783.98 g/mole
UV	:432, 568 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:601 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>220 °C (0.5% weight loss)



### LT-N780 | Ir(ppy)3-Bp

Tris[3-(2-pyridinyl-kN)[1,1':4',1''-terphenyl]-4-yl-kC] iridium(III)

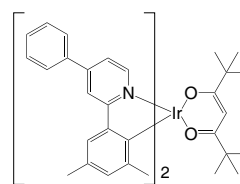
CAS No.	:1404192-47-7
Grade	:>99%
Formula	:C <sub>69</sub> H <sub>48</sub> IrN <sub>3</sub>
M.W.	:1111.36 g/mole
UV	:294 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:520 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)



### LT-N792 | Ir(dmppy-ph)2tmd

Bis(2-(3,5-dimethylphenyl)-4-phenylpyridine) (2,2,6,6-tetramethylheptane-3,5-diketonate)iridium(III)

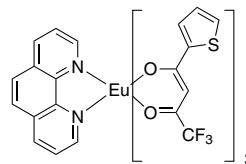
CAS No.	:2050041-61-5
Grade	:Sublimed >99%
Formula	:C <sub>49</sub> H <sub>51</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:892.18 g/mole
UV	:276, 398, 481 nm (in CHCl <sub>3</sub> )



### LT-N7018 | Eu(TTA)3phen **NEW**

Tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato] phenanthroline europium(III)

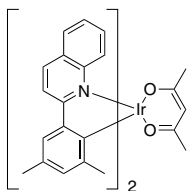
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>26</sub> EuF <sub>9</sub> N <sub>2</sub> O <sub>6</sub> S <sub>3</sub>
M.W.	:995.7 g/mole



### LT-N7020 | Ir(dmpq)2(acac) **NEW**

Bis(2-(3,5-dimethylphenyl)quinoline-C<sub>2</sub>,N')(acetylacetonato) iridium(III)

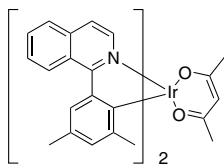
CAS No. :1056874-46-4  
 Grade :Sublimed >99%(HPLC)  
 Formula :C<sub>39</sub>H<sub>35</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :755.92 g/mole



### LT-N7021 | Ir(piq-dm)2(acac) **NEW**

Bis(1-(3,5-dimethylphenyl)isoquinoline-C<sub>2</sub>,N')(acetylacetonato) iridium(III)

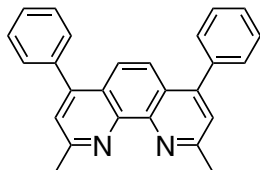
Grade :Sublimed >99%(HPLC)  
 Formula :C<sub>39</sub>H<sub>35</sub>IrN<sub>2</sub>O<sub>2</sub>  
 M.W. :755.92 g/mole



### LT-E304 | BCP

2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline

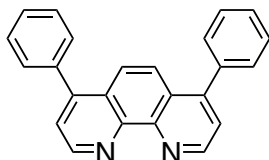
CAS No.	:4733-39-5
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>20</sub> N <sub>2</sub>
M.W.	:360.45 g/mole
UV	:277 nm (in THF)
PL	:386 nm (in THF)
TGA	:>240°C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E305 | Bphen

4,7-Diphenyl-1,10-phenanthroline

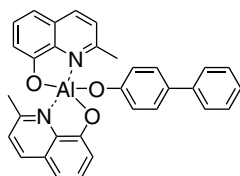
CAS No.	:1662-01-7
Grade	:Sublimed >99.5%
Formula	:C <sub>24</sub> H <sub>16</sub> N <sub>2</sub>
M.W.	:332.4 g/mole
UV	:272 nm (in THF)
PL	:379 nm (in THF)
TGA	:>240 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E407 | BALq

Bis(2-methyl-8-quinolinolate)-4-(phenylphenolato)aluminium

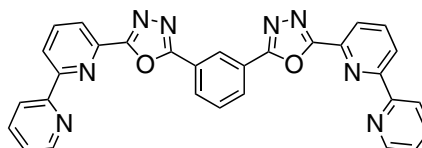
CAS No.	:146162-54-1
Grade	:Sublimed >99%
Formula	:C <sub>32</sub> H <sub>25</sub> N <sub>2</sub> O <sub>3</sub> Al
M.W.	:512.53 g/mole
UV	:259 nm (in THF)
PL	:477 nm (in THF)
TGA	:>230 °C (0.5% weight loss)



### LT-N821 | Bpy-OXD

1,3-Bis[2-(2,2'-bipyridine-6-yl)-1,3,4-oxadiazol-5-yl]benzene

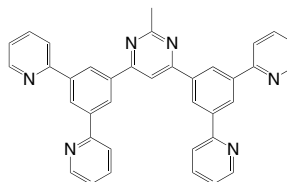
CAS No.	:866117-19-3
Grade	:Sublimed >99%
Formula	:C <sub>30</sub> H <sub>18</sub> N <sub>8</sub> O <sub>2</sub>
M.W.	:522.52 g/mole
UV	:276, 308 nm (in THF)
PL	:348 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



### LT-N8011 | B2PYMPM

4,6-Bis(3,5-di(pyridin-2-yl)phenyl)-2-methylpyrimidine

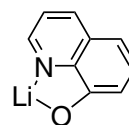
CAS No.	:1266181-51-4
Grade	:Sublimed >99%
Formula	:C <sub>37</sub> H <sub>26</sub> N <sub>6</sub>
M.W.	:555.64 g/mole
UV	:288 nm (in CHCl <sub>3</sub> )
PL	:417 nm (in CHCl <sub>3</sub> )
TGA	:>350 °C (0.5% weight loss)
Tg	:107 °C
HOMO	:-6.62 eV
LUMO	:-3.55 eV



### LT-E301 | Liq

8-Hydroxyquinolinolato-lithium

CAS No.	:25387-93-3
Grade	:Sublimed >99.5%
Formula	:C <sub>9</sub> H <sub>6</sub> NOLi
M.W.	:151.09 g/mole
UV	:261 nm (in THF)
PL	:514 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



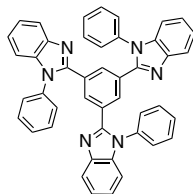
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-E302 | TPBi

1,3,5-Tris(1-phenyl-1Hbenzimidazol-2-yl)benzene

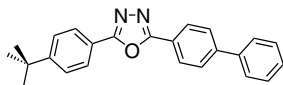
CAS No.	:192198-85-9
Grade	:Sublimed >99.5%
Formula	:C <sub>45</sub> H <sub>30</sub> N <sub>6</sub>
M.W.	:654.76 g/mole
UV	:305 nm (in THF)
PL	:370 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



### LT-E303 | PBD

2-(4-Biphenyl)-5-(4-tert-butylphenyl)-1,3,4-oxadiazole

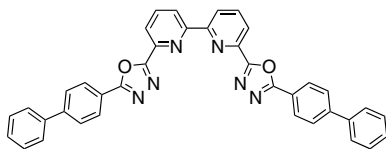
CAS No.	:15082-28-7
Grade	:Sublimed >99%
Formula	:C <sub>24</sub> H <sub>22</sub> N <sub>2</sub> O
M.W.	:354.44 g/mole
UV	:305 nm (in THF)
PL	:380 nm (in THF)
TGA	:>210 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N828 | BP-OXD-Bpy

6,6'-Bis[5-(biphenyl-4-yl)-1,3,4-oxadiazol-2-yl]-2,2'-bipyridyl

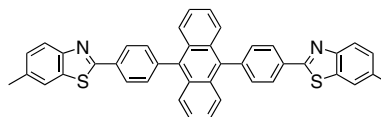
CAS No.	:1219827-28-7
Grade	:Sublimed >99%
Formula	:C <sub>38</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub>
M.W.	:596.64 g/mole
UV	:319 nm (in THF)
PL	:372 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



### LT-N832 | DBzA

6-Methyl-2-(4-(9-(4-(6-methylbenzo[d]thiazol-2-yl)phenyl)anthracen-10-yl)phenyl)benzo[d]thiazole

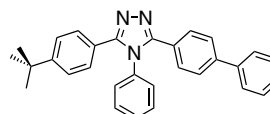
CAS No.	:850018-19-8
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>28</sub> N <sub>2</sub> S <sub>2</sub>
M.W.	:624.82 g/mole
UV	:311, 376, 396 nm (in THF)
PL	:448 nm (in THF)
TGA	:>400 °C (0.5% weight loss)



### LT-N836 | TAZ

3-(4-Biphenyl)-4-phenyl-5-tert-butylphenyl-1,2,4-triazole

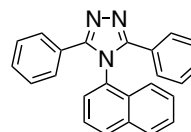
CAS No.	:150405-69-9
Grade	:Sublimed >99%
Formula	:C <sub>30</sub> H <sub>27</sub> N <sub>3</sub>
M.W.	:429.56 g/mole
UV	:290 nm (in THF)
PL	:370 nm (in THF)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N837 | NTAZ

4-(Naphthalen-1-yl)-3,5-diphenyl-4H-1,2,4-triazole

CAS No.	:16152-10-6
Grade	:Sublimed >99%
Formula	:C <sub>24</sub> H <sub>17</sub> N <sub>3</sub>
M.W.	:347.41 g/mole
UV	:264 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:367 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>240 °C (0.5% weight loss)

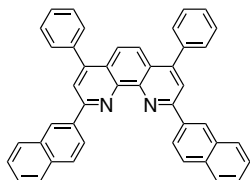




### LT-N843 | NBphen

2,9-Bis(naphthalen-2-yl)-4,7-diphenyl-1,10-phenanthroline

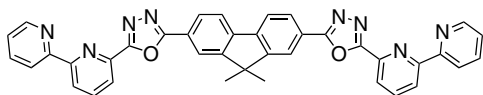
CAS No. :1174006-43-9  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>28</sub>N<sub>2</sub>  
 M.W. :584.71 g/mole  
 UV :264, 349 nm (in THF)  
 PL :412 nm (in THF)  
 TGA :>340 °C (0.5% weight loss)



### LT-N851 | Bpy-FOXD

2,7-Bis[2-(2,2'-bipyridine-6-yl)-1,3,4-oxadiazole-5-yl]-9,9-dimethylfluorene

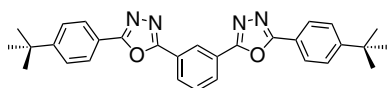
CAS No. :1174006-45-1  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>26</sub>N<sub>8</sub>O<sub>2</sub>  
 M.W. :638.68 g/mole  
 UV :348, 365 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :399 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



### LT-N855 | OXD-7

1,3-Bis[2-(4-tert-butylphenyl)-1,3,4-oxadiazole-5-yl]benzene

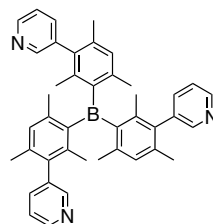
CAS No. :138372-67-5  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>30</sub>N<sub>4</sub>O<sub>2</sub>  
 M.W. :478.58 g/mole  
 UV :292 nm (in THF)  
 PL :347 nm (in THF)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N856 | 3TPYMB

Tris(2,4,6-trimethyl-3-(pyridin-3-yl)phenyl)borane

CAS No. :929203-02-1  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>42</sub>BN<sub>3</sub>  
 M.W. :599.61 g/mole  
 UV :331 nm (in THF)  
 PL :382 nm (in THF)  
 TGA :>230 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

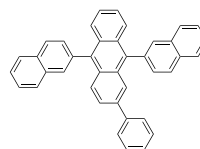


### LT-N858 | PhADN

**NEW**

2-Phenyl-9,10-bis(naphthalen-2-yl)anthracene

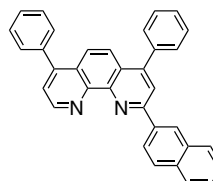
CAS No. :865435-20-7  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>26</sub>  
 M.W. :506.63 g/mole



### LT-N860 | HNBphen

2-(Naphthalen-2-yl)-4,7-diphenyl-1,10-phenanthroline

CAS No. :923972-84-3  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>22</sub>N<sub>2</sub>  
 M.W. :458.55 g/mole  
 UV :281,327 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :398 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)



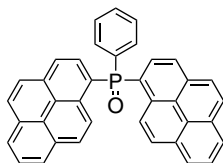
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N861 | POPy2

Phenyl-dipyrrenylphosphine oxide

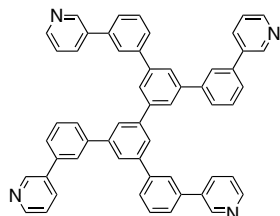
CAS No. :721969-93-3  
Grade :Sublimed >99%  
Formula :C<sub>38</sub>H<sub>23</sub>OP  
M.W. :526.56 g/mole  
UV :281, 360 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :382 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>370 °C (0.5% weight loss)



### LT-N862 | BP4mPy

3,3',5,5'-Tetra[(m-pyridyl)-phen-3-yl]biphenyl

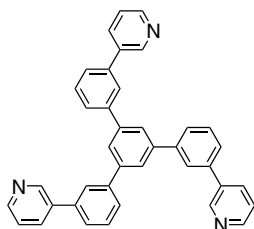
CAS No. :1009033-94-6  
Grade :Sublimed >99%  
Formula :C<sub>56</sub>H<sub>38</sub>N<sub>4</sub>  
M.W. :766.93 g/mole  
UV :253 nm (in THF)  
PL :352 nm (in THF)  
TGA :>370 °C (0.5% weight loss)  
Solvent :Toluene, Chloroform



### LT-N863 | TmPyPB

1,3,5-Tris(3-pyridyl)-phen-3-yl]benzene

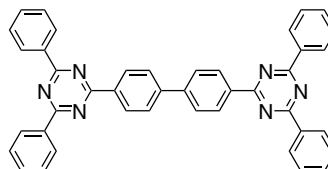
CAS No. :921205-03-0  
Grade :Sublimed >99.5%  
Formula :C<sub>39</sub>H<sub>27</sub>N<sub>3</sub>  
M.W. :537.65 g/mole  
UV :254 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :353 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>310 °C (0.5% weight loss)



### LT-N864 | BTB

4,4'-Bis(4,6-diphenyl-1,3,5-triazin-2-yl)biphenyl

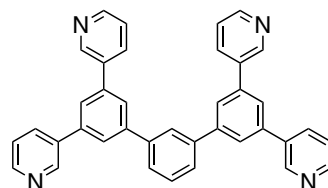
CAS No. :266349-83-1  
Grade :Sublimed >99%  
Formula :C<sub>42</sub>H<sub>28</sub>N<sub>6</sub>  
M.W. :616.71 g/mole  
TGA :>360 °C (0.5% weight loss)



### LT-N865 | BmPyPhB

1,3-Bis[3,5-di(pyridin-3-yl)phenyl]benzene

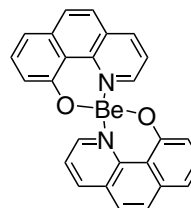
CAS No. :1030380-38-1  
Grade :Sublimed >99%  
Formula :C<sub>38</sub>H<sub>26</sub>N<sub>4</sub>  
M.W. :538.64 g/mole  
UV :250 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :357 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>350 °C (0.5% weight loss)



### LT-N868 | Bepq2

Bis(10-hydroxybenzo[h]quinolinato)beryllium

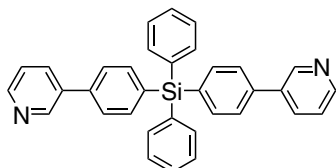
CAS No. :148896-39-3  
Grade :Sublimed product  
Formula :C<sub>26</sub>H<sub>16</sub>BeN<sub>2</sub>O<sub>2</sub>  
M.W. :397.43 g/mole  
UV :406 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :492 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>320 °C (0.5% weight loss)



### LT-N869 | DPPS

Diphenyl-bis(4-(pyridin-3-yl)phenyl)silane

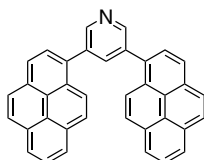
CAS No. :1152162-74-7  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>26</sub>N<sub>2</sub>Si  
 M.W. :490.67 g/mole  
 UV :251 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :366 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>230 °C (0.5% weight loss)



### LT-N870 | PY1

3,5-Di(pyren-1-yl)pyridine

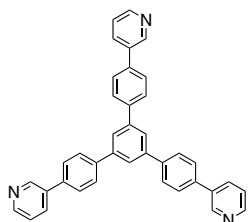
CAS No. :1246467-58-2  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>21</sub>N  
 M.W. :479.57 g/mole  
 UV :246, 282, 351 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-N872 | TpPyPB

1,3,5-Tri(p-pyrid-3-yl-phenyl)benzene

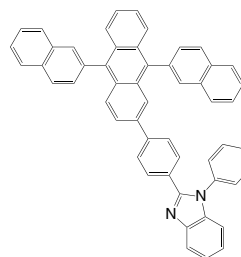
CAS No. :921205-02-9  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :537.65 g/mole  
 UV :290 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :362 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>330 °C (0.5% weight loss)



### LT-N874 | ADN-PBIP

2-(4-(9,10-di(naphthalen-2-yl)anthracen-2-yl)phenyl)-1-phenyl-1H-benzodimidazole

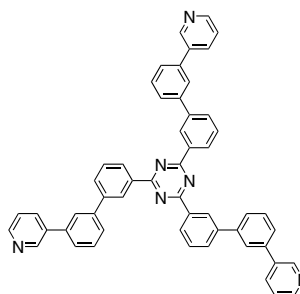
CAS No. :561064-11-7  
 Grade :Sublimed >99%  
 Formula :C<sub>53</sub>H<sub>34</sub>N<sub>2</sub>  
 M.W. :698.85 g/mole



### LT-N875 | TmPPPyTz

2,4,6-Tris(3'-(pyridin-3-yl)biphenyl-3-yl)-1,3,5-triazine

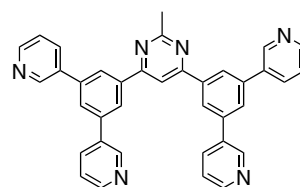
CAS No. :939430-31-6  
 Grade :Sublimed >99%  
 Formula :C<sub>54</sub>H<sub>36</sub>N<sub>6</sub>  
 M.W. :768.9 g/mole  
 UV :251 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>400 °C (0.5% weight loss)



### LT-N876 | B3PYMPM

4,6-Bis(3,5-di(pyridin-3-yl)phenyl)-2-methylpyrimidine

CAS No. :925425-96-3  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>26</sub>N<sub>6</sub>  
 M.W. :554.64 g/mole  
 UV :248 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



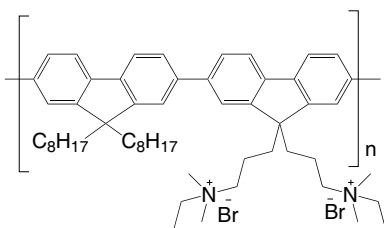
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N878 | PFN-Br

Poly[(9,9-bis(3'-((N,N-dimethyl)-N-ethylammonium)-propyl)-2,7-fluorene)-alt-2,7-(9,9-dioctylfluorene)]dibromide

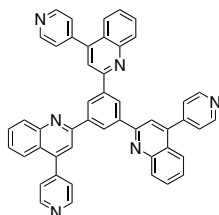
CAS No. :889672-99-5  
Grade :Mw >10,000 (GPC)  
Formula : $(C_{56}H_{80}N_2Br_2)_n$   
UV :375 nm (in MeOH)  
PL :440 nm (in MeOH)  
Solvent :Soluble in MeOH



### LT-N879 | TPyQB

1,3,5-Tris(4-(pyridin-4-yl)quinolin-2-yl)benzene

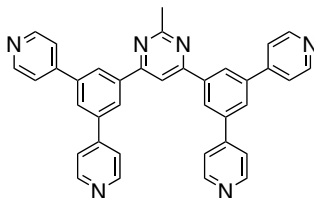
CAS No. :1350742-68-5  
Grade :Sublimed >99%  
Formula : $C_{48}H_{30}N_6$   
M.W. :690.79 g/mole  
UV :381 nm (in  $CH_2Cl_2$ )  
TGA :>400 °C (0.5% weight loss)



### LT-N882 | B4PYMPM

4,6-Bis(3,5-di(pyridin-4-yl)phenyl)-2-methylpyrimidine

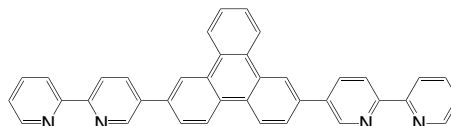
CAS No. :1030380-51-8  
Grade :Sublimed >99%  
Formula : $C_{37}H_{26}N_6$   
M.W. :554.64 g/mole  
UV :250 nm (in  $CH_2Cl_2$ )  
PL :410 nm (very weak, in  $CHCl_3$ )  
TGA :>350 °C (0.5% weight loss)



### LT-N883 | BPy-TP2

2,7-Di(2,2'-bipyridin-5-yl)triphenylene

CAS No. :1394813-58-1  
Grade :Sublimed >99%  
Formula : $C_{38}H_{24}N_4$   
M.W. :536.62 g/mole  
UV :283, 342 nm (in  $CH_2Cl_2$ )  
PL :474 nm (in  $CH_2Cl_2$ )  
TGA :>350 °C (0.5% weight loss)

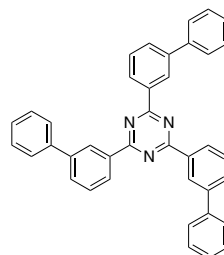


### LT-N884 | T2T

**NEW**

2,4,6-Tri(biphenyl-3-yl)-1,3,5-triazine

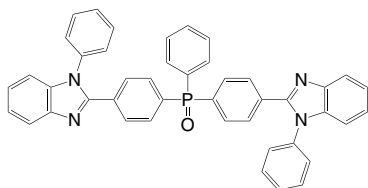
CAS No. :1201800-83-0  
Grade :Sublimed >99%  
Formula : $C_{39}H_{27}N_3$   
M.W. :537.65 g/mole



### LT-N885 | BIPO

2,2'-(4,4'-(Phenylphosphoryl)bis(4,1-phenylene))bis(1-phenyl-1H-benzo[d]imidazole)

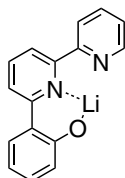
CAS No. :1426143-77-2  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>31</sub>N<sub>4</sub>OP  
 M.W. :662.72 g/mole  
 UV :309 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :379 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)



### LT-N887 | Libpp

Lithium 2-(2', 2''-bipyridine-6'-yl)phenolate

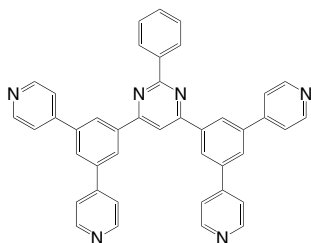
CAS No. :1049805-81-3  
 Grade :Sublimed >99%  
 Formula :C<sub>16</sub>H<sub>11</sub>LiN<sub>2</sub>O  
 M.W. :254.21 g/mole  
 UV :235, 265 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :345 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>220 °C (0.5% weight loss)



### LT-N888 | B4PYPPM

4,6-Bis(3,5-di(pyridin-4-yl)phenyl)-2-phenylpyrimidine

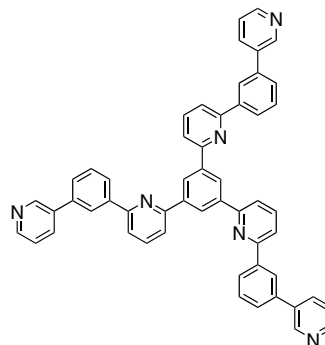
CAS No. :1097652-83-9  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>28</sub>N<sub>6</sub>  
 M.W. :616.71 g/mole  
 UV :255 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>350 °C (0.5% weight loss)



### LT-N889 | Tm3PyP26PyB

1,3,5-Tris(6-(3-(pyridin-3-yl)phenyl)pyridin-2-yl)benzene

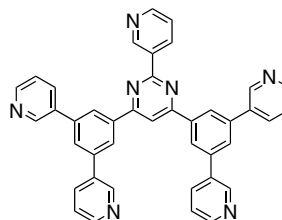
CAS No. :1492917-78-8  
 Grade :Sublimed >99% (NMR)  
 Formula :C<sub>54</sub>H<sub>36</sub>N<sub>6</sub>  
 M.W. :768.9 g/mole  
 UV :255 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :357 nm (film)  
 TGA :>280 °C (0.5% weight loss)



### LT-N890 | B3PYPPM

4,6-Bis(3,5-di(pyridin-3-yl)phenyl)-2-(pyridin-3-yl)pyrimidine

CAS No. :1382639-67-9  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>27</sub>N<sub>7</sub>  
 M.W. :617.7 g/mole  
 UV :255 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>280 °C (0.5% weight loss)



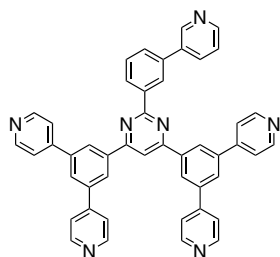
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N891 | B4PYPPyPM

4,6-Bis(3,5-di(pyridin-4-yl)phenyl)-2-(3-(pyridin-3-yl)phenyl)pyrimidine

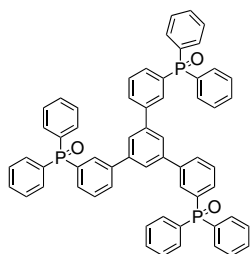
CAS No. :1382639-70-4  
Grade :Sublimed >99% (NMR)  
Formula :C<sub>47</sub>H<sub>31</sub>N<sub>7</sub>  
M.W. :693.8 g/mole  
UV :255 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>280 °C (0.5% weight loss)



### LT-N892 | TP3PO

1,3,5-Tri(diphenylphosphoryl-phen-3-yl)benzene

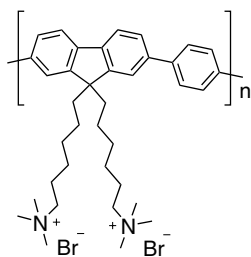
CAS No. :1311378-95-6  
Grade :Sublimed >99%  
Formula :C<sub>60</sub>H<sub>45</sub>O<sub>3</sub>P<sub>3</sub>  
M.W. :906.92 g/mole  
UV :259 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :349 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>250 °C (0.5% weight loss)



### LT-N894 | FPQ-Br

Poly[9,9-bis[6'-(N,N,N-trimethylammonium)hexyl]fluorene-alt-co-1,4-phenylene]bromide

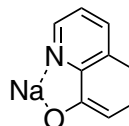
Grade :Mw >10,000 (GPC)  
Formula :(C<sub>37</sub>H<sub>52</sub>Br<sub>2</sub>N<sub>2</sub>)<sub>n</sub>



### LT-N895 | NaQ

8-Hydroxyquinoline sodium salt

CAS No. :2872-54-0  
Grade :Sublimed >99%  
Formula :C<sub>9</sub>H<sub>6</sub>NONa  
M.W. :167.14 g/mole  
UV :261 nm (in THF)  
PL :331 nm (in THF)  
TGA :>310 °C (0.5% weight loss)

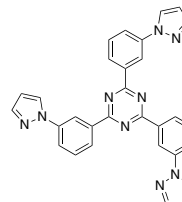


### LT-N4163 | 3P-T2T

**NEW**

2,4,6-Tris[3-(1H-pyrazol-1-yl)phenyl]-1,3,5-triazine

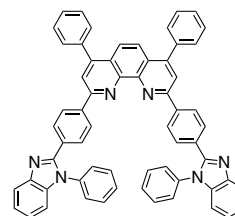
CAS No. :352196-01-1  
Grade :Sublimed >99%  
Formula :C<sub>30</sub>H<sub>21</sub>N<sub>9</sub>  
M.W. :507.55 g/mole



### LT-N8001 | DBimiBphen

4,7-Diphenyl-2,9-bis(4-(1-phenyl-1H-benzod[imidazol-2-yl]phenyl)-1,10-phenanthroline

CAS No. :1447848-17-0  
Grade :Sublimed >99%  
Formula :C<sub>62</sub>H<sub>40</sub>N<sub>6</sub>  
M.W. :869.02 g/mole  
UV :319, 357 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
TGA :>400 °C (0.5% weight loss)



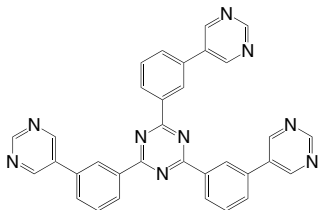
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N8004 | TPM-TAZ

2,4,6-Tris(3-(pyrimidin-5-yl)phenyl)-1,3,5-triazine

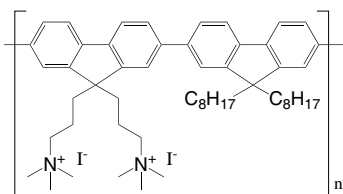
CAS No. :1874199-82-2  
Grade :Sublimed >99%  
Formula :C<sub>33</sub>H<sub>21</sub>N<sub>9</sub>  
M.W. :543.58 g/mole  
UV :293 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
PL :388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
Tg :131 °C  
HOMO :-6.67 eV  
LUMO :-2.85 eV



### LT-N8006 | PFN-diiodine salt

Poly([(9,9-bis[3-(trimethylammonium)propyl]-2,7-fluorene]-alt-2,7-(9,9-dioctylfluorene))diiodide]

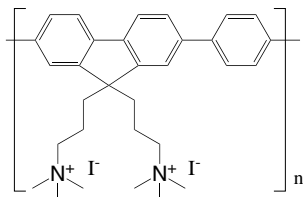
CAS No. :1687752-60-8  
Grade :Mw =10,000~100,000 (GPC)  
Formula :(C<sub>56</sub>H<sub>80</sub>N<sub>2</sub>I<sub>2</sub>)<sub>n</sub>



### LT-N8007 | PFN-FP-I

Poly[(9,9-bis(3'-(N,N-trimethylamino)propyl)-2,7-fluorene)-alt-1,4-phenylene]diiodide

CAS No. :1026670-72-3  
Formula :(C<sub>31</sub>H<sub>40</sub>I<sub>2</sub>N<sub>2</sub>)<sub>n</sub>

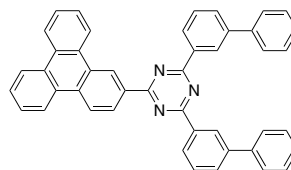


### LT-N8014 |

**NEW**

2,4-Di([1,1'-biphenyl]-3-yl)-6-(triphenylen-2-yl)-1,3,5-triazine

CAS No. :1836143-52-2  
Grade :Sublimed >99%  
Formula :C<sub>45</sub>H<sub>29</sub>N<sub>3</sub>  
M.W. :611.73 g/mole

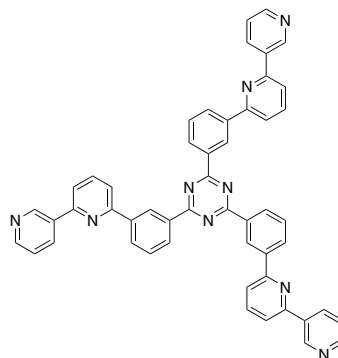


### LT-N8015 |

**NEW**

2,4,6-Tris(3-([2,3'-bipyridin]-6-yl)phenyl)-1,3,5-triazine

Grade :Sublimed >99%  
Formula :C<sub>51</sub>H<sub>33</sub>N<sub>9</sub>  
M.W. :771.87 g/mole

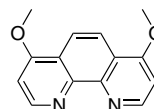


### LT-N8016 | p-MeO-Phen

**NEW**

4,7-Dimethoxy-1,10-phenanthroline

CAS No. :92149-07-0  
Grade :>98%  
Formula :C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. :240.26 g/mole



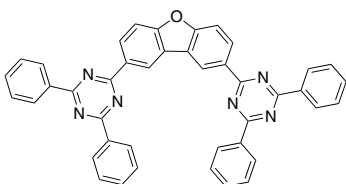
# Organic Light-Emitting Diode (OLED) \_ OLED Materials

## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N8017 | DBFTrz

2,8-bis(4,6-diphenyl-1,3,5-triazin-2-yl)dibenzo-[b,d]furan

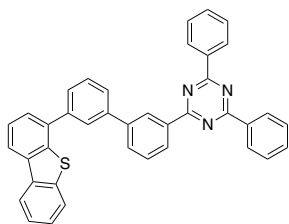
CAS No. :2040300-54-5  
Grade :Sublimed >99%  
Formula :C<sub>42</sub>H<sub>26</sub>N<sub>6</sub>O  
M.W. :630.7 g/mole  
TGA :>370 °C (0.5% weight loss)



### LT-N8018 | DBT-TRZ **NEW**

2-(3'-(dibenzo[b,d]thiophen-4-yl)-[1,1'-biphenyl]-3-yl)-4,6-diphenyl-1,3,5-triazine

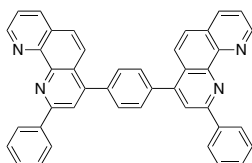
CAS No. :1858289-31-2  
Grade :Sublimed >99%  
Formula :C<sub>39</sub>H<sub>25</sub>N<sub>3</sub>S  
M.W. :567.7 g/mole



### LT-N8019 | p-bPPhenB **NEW**

1,4-Bis(2-phenyl-1,10-phenanthrolin-4-yl)benzene

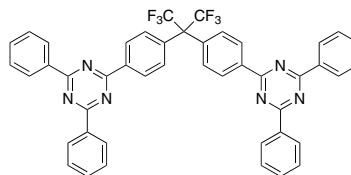
CAS No. :2135536-38-6  
Grade :Sublimed >99%  
Formula :C<sub>42</sub>H<sub>26</sub>N<sub>4</sub>  
M.W. :586.68 g/mole  
PL :390 nm (2-MeTHF)  
HOMO :-6.22 eV  
LUMO :-2.88 eV



### LT-N8020 | CF3-TRZ **NEW**

6,6'-((Perfluoropropane-2,2-diyl)bis(4,1-phenylene))bis(2,4-diphenyl-1,3,5-triazine)

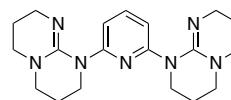
CAS No. :2376758-90-4  
Grade :Sublimed >99%  
Formula :C<sub>45</sub>H<sub>28</sub>F<sub>6</sub>N<sub>6</sub>  
M.W. :766.73 g/mole



### LT-N8021 | Py-hpp2 **NEW**

2,6-Bis(1,3,4,6,7,8-tetrahydro-2H-pyrimido[1,2-a]pyrimidin-1-yl)pyridine

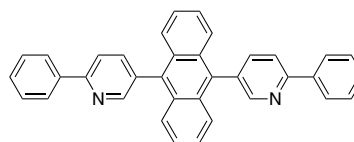
CAS No. :1613226-83-7  
Grade :>99%  
Formula :C<sub>19</sub>H<sub>27</sub>N<sub>7</sub>  
M.W. :353.46 g/mole



### LT-N8022 | DPPyA **NEW**

9,10-Bis(6-phenylpyridin-3-yl)anthracene

CAS No. :1257879-34-7  
Grade :Sublimed >99%  
Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>  
M.W. :484.59 g/mole





### LT-N8023 | 3,4-2CzBN

**NEW**

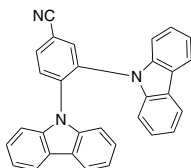
3,4-Di(9H-carbazol-9-yl)benzotrile

CAS No. :2016010-93-6 / 2720521-37-7

Grade :Sublimed >99%

Formula :C<sub>31</sub>H<sub>19</sub>N<sub>3</sub>

M.W. :433.5 g/mole



### LT-N8024 | T3PyTRZ

**NEW**

6-(3-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-6'-(pyridin-3-yl)-2,4':2',3''-terpyridine

CAS No. :2703850-25-1

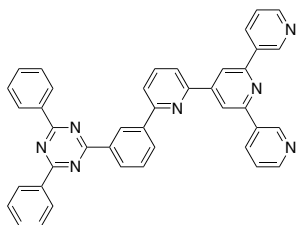
Grade :Sublimed >99%

Formula :C<sub>41</sub>H<sub>27</sub>N<sub>7</sub>

M.W. :617.7 g/mole

HOMO :-6.7 eV

LUMO :-3.3 eV



### LT-N8025 | ANT-BIZ

**NEW**

1-(4-(10-([1,1'-biphenyl]-4-yl)anthracen-9-yl)phenyl)-2-ethyl-1H-benzo[d]imidazole

CAS No :1254961-38-0

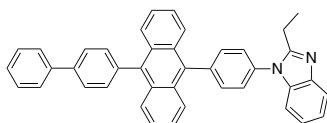
Grade :Sublimed >99%

Formula :C<sub>41</sub>H<sub>30</sub>N<sub>2</sub>

M.W. :550.69 g/mole

HOMO :-5.51 eV

LUMO :-2.52 eV



### LT-N8026

**NEW**

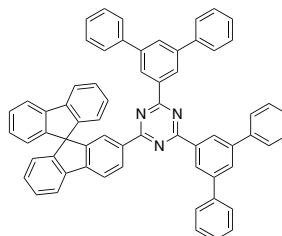
2-(4,6-bis-[3,1';5,1'']-terphen-1-yl)-1,3,5-triazin-2-yl)-spiro-9,9'-bifluorene

CAS No :1233200-52-6

Grade :Sublimed >99%

Formula :C<sub>64</sub>H<sub>41</sub>N<sub>3</sub>

M.W. :852.03 g/mole



## LT-E001 | LiF

## Lithium fluoride

CAS No. :7789-24-4  
 Grade :>99.99%  
 M.W. :25.94 g/mole  
 Boiling Point :1681 °C  
 Melting Point:848 °C

LT-E002 | Cs<sub>2</sub>CO<sub>3</sub>

## Cesium carbonate

CAS No. :534-17-8  
 Grade :>99.994%  
 Formula :Cs<sub>2</sub>CO<sub>3</sub>  
 M.W. :325.82 g/mole

LT-E003 | MoO<sub>3</sub>

## Molybdenum(VI) Oxide

CAS No. :1313-27-5  
 Grade :>99.998%  
 Formula :MoO<sub>3</sub>  
 M.W. :143.94 g/mole



## LT-E004 | CsF

## Cesium fluoride

CAS No. :13400-13-0  
 Grade :>99%  
 Formula :CsF  
 M.W. :151.90 g/mole



## LT-E005 | Al wire

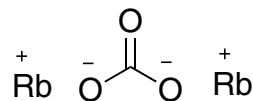
## Aluminium

CAS No. :7429-90-5  
 Grade :>99.999%  
 Formula :Al  
 M.W. :26.98 g/mole  
 Diameter :1mm 5 meter~10 g

LT-E007 | Rb<sub>2</sub>CO<sub>3</sub>

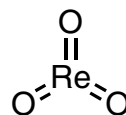
## Rubidium carbonate

CAS No. :584-09-8  
 Grade :>99.9%  
 Formula :Rb<sub>2</sub>CO<sub>3</sub>  
 M.W. :588.74 g/mole

LT-E008 | ReO<sub>3</sub>

## Rhenium(VI) oxide

CAS No. :1314-28-9  
 Grade :>99.9%  
 Formula :ReO<sub>3</sub>  
 M.W. :234.21 g/mole



## LT-E010 | Aluminum shot

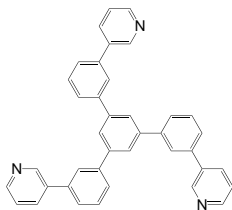
CAS No. :7429-90-5  
 Grade :>99.9%  
 M.W. :26.98 g/mole  
 Size :5~10 mm



**LT-N863** | TmPyPB

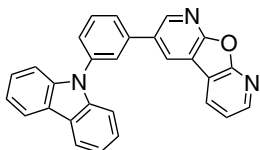
1,3,5-Tri[(3-pyridyl)-phen-3-yl]benzene

CAS No.	:921205-03-0
Grade	:Sublimed >99.5%
Formula	:C <sub>39</sub> H <sub>27</sub> N <sub>3</sub>
M.W.	:537.65 g/mole
UV	:254 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:353 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>310 °C (0.5% weight loss)

**LT-N4114** | 3CzPPF

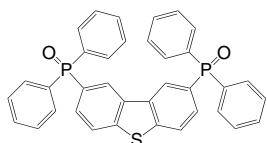
3-[3-(9H-Carbazol-9-yl)phenyl]furo[2,3-b:5,4-b']dipyridine

CAS No.	:1443793-91-6
Grade	:Sublimed >99%
Formula	:C <sub>28</sub> H <sub>17</sub> N <sub>3</sub> O
M.W.	:411.45 g/mole
UV	:412 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:412 nm (film)
HOMO	:-6.08 eV
LUMO	:-3.06 eV
Triplet Energy	:2.82 eV

**LT-N4006** | PPT

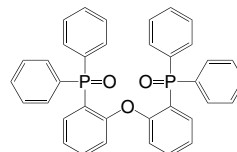
2,8-Bis(diphenylphosphoryl)dibenzo[b,d]thiophene

CAS No.	:1019842-99-9
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>26</sub> O <sub>2</sub> P <sub>2</sub> S
M.W.	:584.60 g/mole
UV	:315, 328 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:351 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>320 °C (0.5% weight loss)

**LT-N4060** | DPEPO

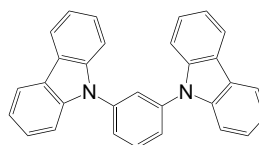
Bis[2-(diphenylphosphino)phenyl]ether oxide

CAS No.	:808142-23-6
Grade	:Sublimed >99.5%
Formula	:C <sub>36</sub> H <sub>28</sub> O <sub>3</sub> P <sub>2</sub>
M.W.	:570.55 g/mole
UV	:288 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:311 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>300 °C (0.5% weight loss)

**LT-E107** | MCP

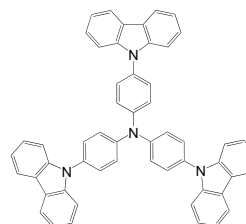
1,3-Bis(carbazol-9-yl)benzene

CAS No.	:550378-78-4
Grade	:Sublimed >99.5%
Formula	:C <sub>30</sub> H <sub>20</sub> N <sub>2</sub>
M.W.	:408.49 g/mole
UV	:292, 338 nm (in THF)
PL	:360 nm (in THF)
TGA	:>250 °C (0.5% weight loss)

**LT-E207** | TcTa

4,4',4'-Tris(carbazol-9-yl)triphenylamine

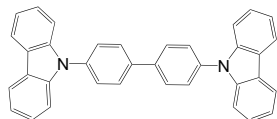
CAS No.	:139092-78-7
Grade	:Sublimed >99.5%
Formula	:C <sub>54</sub> H <sub>36</sub> N <sub>4</sub>
M.W.	:740.89 g/mole
UV	:293, 326 nm (in THF)
PL	:385 nm (in THF)
TGA	:>410 °C (0.5% weight loss)



### LT-E409 | CBP

4,4'-Bis(carbazol-9-yl)biphenyl

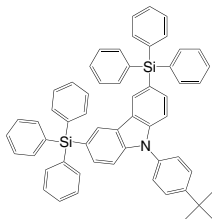
CAS No. :58328-31-7  
 Grade :Sublimed >99.5%  
 Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>  
 M.W. :484.59 g/mole  
 UV :292, 318 nm (in THF)  
 PL :369 nm (in THF)  
 TGA :>320 °C (0.5% weight loss)



### LT-N484 | CzSi

9-(4-tert-butylphenyl)-3,6-bis(triphenylsilyl)-9H-carbazole

CAS No. :898546-82-2  
 Grade :Sublimed >99%  
 Formula :C<sub>58</sub>H<sub>49</sub>NSi<sub>2</sub>  
 M.W. :816.19 g/mole  
 UV :275, 301 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :354 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)

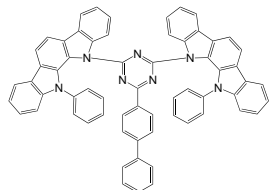


### LT-N4053 | PIC-TRZ

**NEW**

12,12'-(6-(biphenyl-4-yl)-1,3,5-triazine-2,4-diyl)bis(11-phenyl-11,12-dihydroindolo[2,3-a]carbazole)

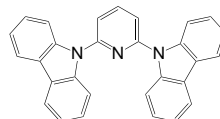
Grade :Sublimed >99%  
 Formula :C<sub>63</sub>H<sub>39</sub>N<sub>7</sub>  
 M.W. :894.03 g/mole  
 HOMO :-5.37 eV  
 LUMO :-2.56 eV



### LT-N4072 | PYD-2Cz

2,6-Di(9H-carbazol-9-yl)pyridine

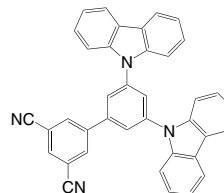
CAS No. :168127-49-9  
 Grade :Sublimed >99%  
 Formula :C<sub>29</sub>H<sub>19</sub>N<sub>3</sub>  
 M.W. :409.48 g/mole  
 UV :241, 290 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :373 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)



### LT-N4098 | DCzDCN

3',5'-(Di(carbazol-9-yl)-[1,1'-biphenyl]-3,5-dicarbonitrile)

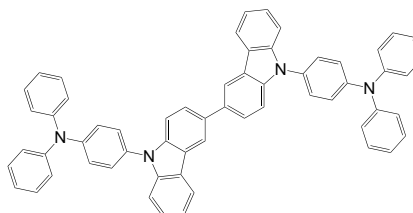
CAS No. :1352800-07-7  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :534.61 g/mole  
 UV :251, 291 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :324 nm (in THF)  
 TGA :>270 °C (0.5% weight loss)



### LT-N4102 | BCzTPA

4,4'-(9H,9'H-3,3'-bicarbazole-9,9'-diyl)bis(N,N-diphenylaniline)

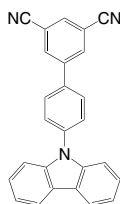
CAS No. :1032174-52-9  
 Grade :Sublimed >99%  
 Formula :C<sub>60</sub>H<sub>42</sub>N<sub>4</sub>  
 M.W. :819.00 g/mole  
 UV :310, 341 nm (film)  
 PL :397 nm (film)  
 TGA :>300 °C (0.5% weight loss)  
 Tg :157 °C  
 HOMO :-5.6 eV  
 LUMO :-2.2 eV



**LT-N4104** | pCzB-2CN

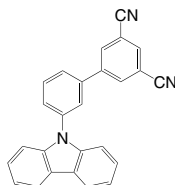
4'-(9H-Carbazol-9-yl)biphenyl-3,5-dicarbonitrile

CAS No.	:1646323-59-2
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>15</sub> N <sub>3</sub>
M.W.	:369.42 g/mole
UV	:330 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:450 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>220 °C (0.5% weight loss)

**LT-N4105** | mCzB-2CN

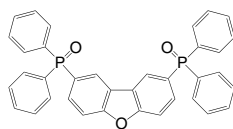
3'-(9H-Carbazol-9-yl)biphenyl-3,5-dicarbonitrile

CAS No.	:1646323-60-5
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>15</sub> N <sub>3</sub>
M.W.	:369.42 g/mole
UV	:330 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:450 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>220 °C (0.5% weight loss)

**LT-N4106** | PPF

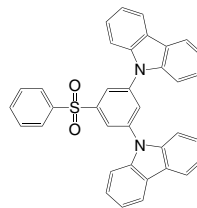
2,8-Bis(diphenylphosphoryl)dibenzo[b,d]furan

CAS No.	:911397-27-8
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>26</sub> O <sub>3</sub> P <sub>2</sub>
M.W.	:568.54 g/mole
UV	:300 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:440 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)

**LT-N4112** | mCPSOB

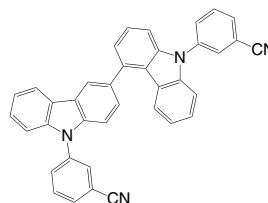
9,9'-(5-(Phenylsulfonyl)-1,3-phenylene)bis(9H-carbazole)

CAS No.	:1374770-41-8
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	:548.65 g/mole
TGA	:>200 °C (0.5% weight loss)
Tg	:110 °C
HOMO	: -5.8 eV
LUMO	: -2.5 eV
Triplet Energy	: -3.02 eV

**LT-N4119** | 3CN34BCz

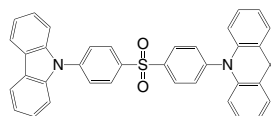
3,3'-(9H,9'H-3,4'-Bicarbazole-9,9'-diyl)dibenzonitrile

CAS No.	:1622297-83-9
Grade	:Sublimed >99%
Formula	:C <sub>38</sub> H <sub>22</sub> N <sub>4</sub>
M.W.	:534.61 g/mole
UV	:404 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>260 °C (0.5% weight loss)
Tg	:132 °C
Triplet Energy	: -2.98 eV

**LT-N4120** | CzAcSF

10-(4-(4-(9H-Carbazol-9-yl)phenylsulfonyl)phenyl)-9,9-dimethyl-9,10-dihydroacridine

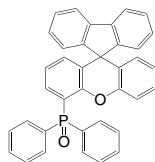
CAS No.	:1792173-34-2
Grade	:Sublimed >99%
Formula	:C <sub>39</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	:590.73 g/mole
PL	:443, 466 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Tg	:117 °C
HOMO	: -5.89 eV
LUMO	: -3.00 eV
Triplet Energy	: -3.04 eV



### LT-N4123 | SFXSPO

Diphenylspiro[9H-fluorene-9,9'-(9H)xanthen]-4'-ylphosphine oxide

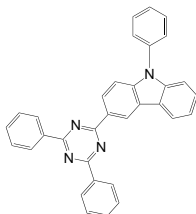
CAS No.	:1508022-28-3
Grade	:Sublimed >99%
Formula	:C <sub>37</sub> H <sub>25</sub> O <sub>2</sub> P
M.W.	:532.57 g/mole
UV	:228, 279, 308 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Tg	:180 °C
HOMO	:-6.52 eV
LUMO	:-2.47 eV



### LT-N4126 | DPTPCz

3-(4,6-Diphenyl-1,3,5-triazin-2-yl)-9-phenyl-9H-carbazole

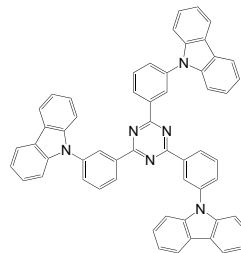
CAS No.	:1313391-57-9
Grade	:Sublimed >99%
Formula	:C <sub>33</sub> H <sub>22</sub> N <sub>4</sub>
M.W.	:474.55 g/mole
UV	:305, 353 nm (in EA)
PL	:416 nm (in EA)
Tg	:86 °C
HOMO	:-5.69 eV
LUMO	:-2.76 eV



### LT-N4128 | TCPZ

2,4,6-Tris(3-(9H-carbazol-9-yl)phenyl)-1,3,5-triazine

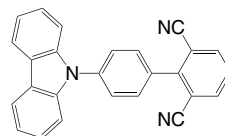
CAS No.	:890148-68-2
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>36</sub> N <sub>6</sub>
M.W.	:804.94 g/mole
UV	:283, 296 nm (film)
PL	:467 nm (film)
Tg	:162 °C
HOMO	:-6.18 eV
LUMO	:-2.95 eV



### LT-N4130 | CzPhDCN in

4'-(9H-Carbazol-9-yl)biphenyl-2,6-dicarbonitrile

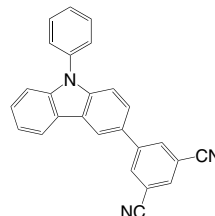
CAS No.	:2279125-23-2
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>15</sub> N <sub>3</sub>
M.W.	:369.42 g/mole



### LT-N4131 | 4-CzDCN out

5-(9-Phenyl-9H-carbazol-3-yl)isophthalonitrile

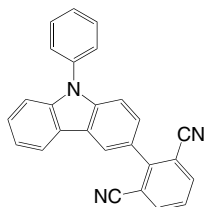
CAS No.	:2234893-85-5
Grade	:Sublimed >99%
Formula	:C <sub>26</sub> H <sub>15</sub> N <sub>3</sub>
M.W.	:369.42 g/mole



### LT-N4132 | 4-CzDCN in

2-(9-Phenyl-9H-carbazol-3-yl)isophthalonitrile

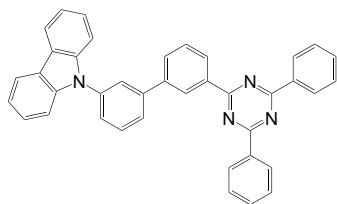
CAS No. :2350278-23-6  
 Grade :Sublimed >99%  
 Formula :C<sub>26</sub>H<sub>15</sub>N<sub>3</sub>  
 M.W. :369.42 g/mole



### LT-N4133 | CzTRZ / Cz-m2Ph-TRZ

9-(3'-(4,6-diphenyl-1,3,5-triazin-2-yl)biphenyl-3-yl)-9H-carbazole

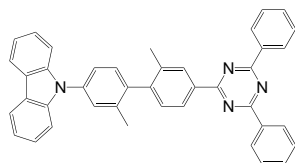
CAS No. :1106730-56-6  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>26</sub>N<sub>4</sub>  
 M.W. :550.65 g/mole  
 PL :361, 410 nm (in Toluene)



### LT-N4134 | Cz-DMBP-TRZ

9-(4'-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2,2'-dimethyl-[1,1'-biphenyl]-4-yl)-9H-carbazole

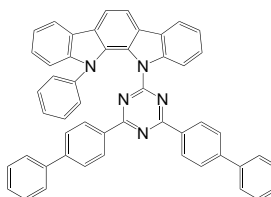
Grade :>97%  
 Formula :C<sub>41</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :578.7 g/mole



### LT-N4136 | p-DIC-TRZ-2Ph

11-(4,6-Di(biphenyl-4-yl)-1,3,5-triazin-2-yl)-12-phenyl-11,12-dihydroindolo[2,3-a]carbazole

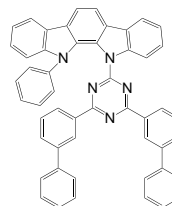
CAS No. :1663489-47-1  
 Grade :Sublimed >99%  
 Formula :C<sub>51</sub>H<sub>33</sub>N<sub>5</sub>  
 M.W. :715.84 g/mole  
 PL :510 nm (in Toluene)



### LT-N4137 | m-DIC-TRZ-2Ph

11-(4,6-Di(biphenyl-3-yl)-1,3,5-triazin-2-yl)-12-phenyl-11,12-dihydroindolo[2,3-a]carbazole

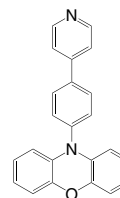
CAS No. :2133038-36-3  
 Grade :Sublimed >98%  
 Formula :C<sub>51</sub>H<sub>33</sub>N<sub>5</sub>  
 M.W. :715.84 g/mole



### LT-N4138 |

10-(4-(Pyridin-4-yl)phenyl)-10H-phenoxazine

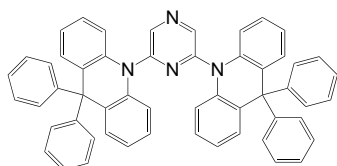
CAS No. :1826129-73-0  
 Grade :Sublimed >98%  
 Formula :C<sub>23</sub>H<sub>16</sub>N<sub>2</sub>O  
 M.W. :336.39 g/mole



### LT-N4140 | PrDPhAc

2,6-Bis(9,9-diphenylacridin-10(9H)-yl)pyrazine

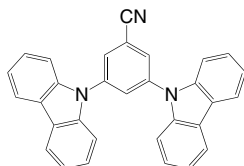
CAS No. :1982316-90-4  
 Grade :Sublimed >99%  
 Formula :C<sub>54</sub>H<sub>38</sub>N<sub>4</sub>  
 M.W. :742.91 g/mole  
 UV :375 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :495 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-N4142 | 3,5-2CzBN

3,5-Di(9H-carbazol-9-yl)benzonitrile

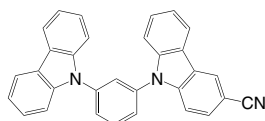
CAS No. :1101848-45-6  
 Grade :Sublimed >99%  
 Formula :C<sub>31</sub>H<sub>19</sub>N<sub>3</sub>  
 M.W. :433.5 g/mole



### LT-N4148 | mCPCN

9-(3-(9H-Carbazol-9-yl)phenyl)-9H-carbazole-3-carbonitrile

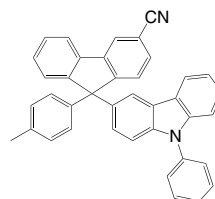
CAS No. :1392506-99-8  
 Grade :Sublimed >99%  
 Formula :C<sub>31</sub>H<sub>19</sub>N<sub>3</sub>  
 M.W. :433.5 g/mol  
 UV :326, 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :348, 365 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 280°C (0.5% weight loss)  
 Tg :97 °C  
 HOMO :-5.8 eV  
 LUMO :-2.24 eV  
 Tm :222 °C



### LT-N4149 | CzFCN

9-(9-Phenyl-9H-carbazol-3-yl)-9-p-tolyl-9H-fluorene-3-carbonitrile

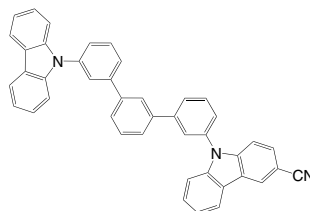
CAS No. :1448222-38-5  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>26</sub>N<sub>2</sub>  
 M.W. :522.64 g/mole  
 PL :357 nm (film)



### LT-N4150 | TCzCN

9-(3''-(Carbazol-9-yl)-[1,1':3',1''-terphenyl]-3-yl)-carbazole-3-carbonitrile

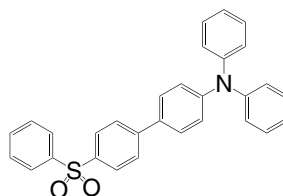
CAS No. :2171511-08-1  
 Grade :Sublimed >99%  
 Formula :C<sub>43</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :585.69 g/mole  
 PL :448 nm (film)  
 HOMO :-6.03 eV  
 LUMO :-2.78 eV



### LT-N4153 | SOTPA

4-(4-Diphenylaminophenyl)diphenylsulfone

CAS No. :1693761-04-4  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>23</sub>NO<sub>2</sub>  
 M.W. :461.57 g/mole  
 PL :453 nm (film)

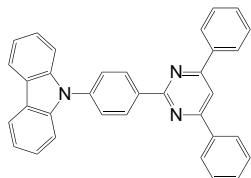




**LT-N4155** | Cz-Ph-DRZ

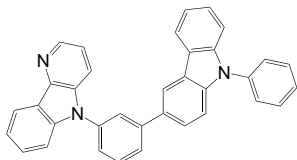
9-(4-(4,6-Diphenylpyrimidin-2-yl)phenyl)-9H-carbazole

CAS No. :1106729-87-6  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>23</sub>N<sub>3</sub>  
 M.W. :473.57 g/mole

**LT-N4157** | DCb-PCz

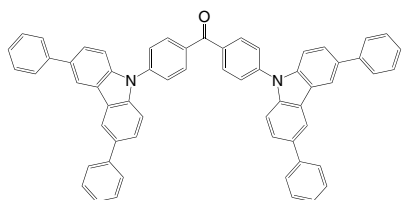
5-(3-(9-Phenyl-9H-carbazol-3-yl)phenyl)-5H-pyrido[3,2-b]indole

CAS No. :2099149-76-3  
 Grade :Sublimed >99%  
 Formula :C<sub>35</sub>H<sub>23</sub>N<sub>3</sub>  
 M.W. :485.58 g/mole  
 UV :292, 331, 345 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :385 nm (film)  
 HOMO :-5.75 eV  
 LUMO :-2.39 eV

**LT-N4161** | PhCz2BP

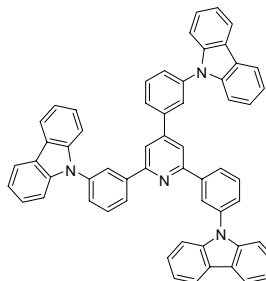
Bis(4-(3,6-diphenyl-9H-carbazol-9-yl)phenyl)methanone

CAS No. :1360642-12-1  
 Grade :Sublimed >99%  
 Formula :C<sub>61</sub>H<sub>40</sub>N<sub>2</sub>O  
 M.W. :816.98 g/mole  
 PL :438 nm (in Toluene)  
 TGA :>400 °C (5% weight loss)  
 Emission :438 nm (in Toluene)  
 HOMO :-5.77 eV  
 LUMO :-2.25 eV  
 ΔEST :0.14 eV

**LT-N4165** | TCPY

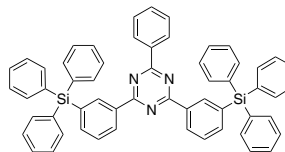
9,9',9''-(Pyridine-2,4,6-triyltris(benzene-3,1-diyl))tris(9H-carbazole)

CAS No. :890148-62-6  
 Grade :Sublimed >99%  
 Formula :C<sub>59</sub>H<sub>38</sub>N<sub>4</sub>  
 M.W. :802.96 g/mole  
 PL :415 nm (film)  
 HOMO :-6.19 eV  
 LUMO :-2.77 eV

**LT-N4181** | mSiTrz

2-Phenyl-4,6-bis(3-(triphenylsilyl)phenyl)-1,3,5-triazine

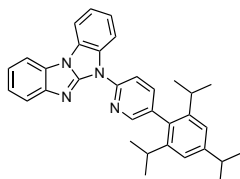
CAS No. :2252416-90-1  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>43</sub>N<sub>3</sub>Si<sub>2</sub>  
 M.W. :826.14 g/mole  
 PL :455 nm (film)  
 Tg :108.21°C  
 HOMO :-6.90 eV  
 LUMO :-2.79 eV  
 Triplet Energy:-3.08 eV



## LT-N4186 | PPBI

5-[5-[2,4,6-tris(1-methylethyl)phenyl]-2-pyridinyl]-5H-Benzimidazo[1,2-a]benzimidazole

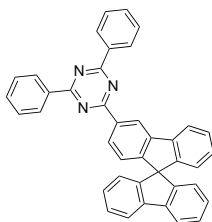
CAS No. :2363173-81-1  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>34</sub>N<sub>4</sub>  
 M.W. :486.65 g/mole  
 HOMO :-5.7 eV  
 LUMO :-2.0 eV



## LT-N4187 | SF3-TRZ

2-(9,9'-spirobifluoren)-3-yl)-4,6-diphenyl-1,3,5-triazine

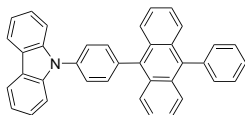
CAS No. :1639424-37-5  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>25</sub>N<sub>3</sub>  
 M.W. :547.65 g/mole  
 PL :412 nm (film)  
 HOMO :-6.54 eV  
 LUMO :-3.10 eV



## LT-N4190 | CzPA

9-[4-(10-phenylanthracen-9-yl)phenyl]carbazole

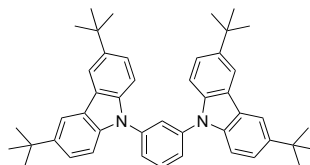
CAS No. :910647-23-3  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>25</sub>N  
 M.W. :495.61 g/mole  
 HOMO :-5.80 eV  
 LUMO :-2.25 eV



## LT-N4198 | mCP-t-Bu

1,3-Bis(3,6-di-tert-butyl-9H-carbazol-9-yl)benzene

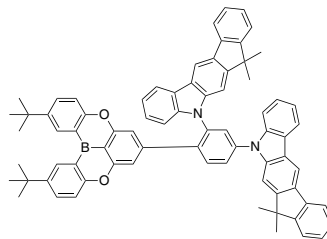
CAS No. :601454-38-0  
 Grade :Sublimed >99%  
 Formula :C<sub>46</sub>H<sub>52</sub>N<sub>2</sub>  
 M.W. :632.92 g/mole  
 UV :297, 331, 345 nm (in THF)  
 HOMO :-5.8 eV  
 LUMO :-2.4 eV



## LT-N4207 | BICz

5,5'-(4-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-1,3-phenylene)bis(7,7-dimethyl-5,7-dihydroindeno[2,1-b]carbazole)

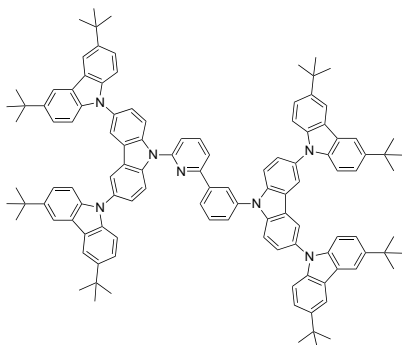
CAS No. :2657707-20-3  
 Grade :>99%  
 Formula :C<sub>74</sub>H<sub>61</sub>BN<sub>2</sub>O<sub>2</sub>  
 M.W. :1021.10 g/mole  
 PL :407 nm (in Toluene)  
 HOMO :-5.48 eV  
 LUMO :-2.48 eV  
 ΔEST :0.18 eV



### LT-N4210 | mCDtCBPy

3,3'',6,6''-tetra-tert-butyl-9'-(6-(3-(3,3'',6,6''-tetra-tert-butyl-9'H-[9,3':6',9''-tercarbazol]-9'-yl)-phenyl)pyridine-2-yl)-9'H-9,3':6',9''-tercarbazole

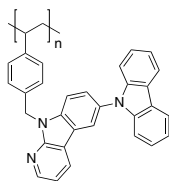
Grade	:Sublimed >99%
Formula	:C <sub>115</sub> H <sub>115</sub> N <sub>7</sub>
M.W.	:1595.19 g/mole
PL	:425 nm (film)
HOMO	:-5.04 eV
LUMO	:-1.82 eV
ΔEST	:0.48 eV



### LT-N4212 | PSCbCz

Poly{6-(9H-Carbazol-9-yl)-9-(4-vinylbenzyl)-9H-pyrido-[2,3-b]indole}

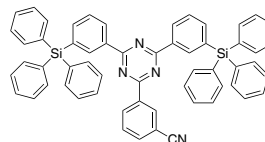
CAS No.	:2688752-67-0
Grade	:Mw =5,000~20,000 (GPC)
Formula	:(C <sub>32</sub> H <sub>23</sub> N <sub>3</sub> ) <sub>n</sub>
PL	:414 nm (film)
HOMO	:-5.65 eV
LUMO	:-2.28 eV
ΔEST	:0.15 eV



### LT-N4218 | mSiTrz-mCN

3-(4,6-Bis(3-(triphenylsilyl)phenyl)-1,3,5-triazin-2-yl)benzotrile

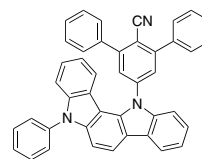
Grade	:Sublimed >99%
Formula	:C <sub>58</sub> H <sub>42</sub> N <sub>4</sub> Si <sub>2</sub>
M.W.	:851.15 g/mole
PL	:431 nm (in THF)
HOMO	:-7.47 eV
LUMO	:-3.44 eV



### LT-N4242 | 3phCN-ICz **NEW**

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

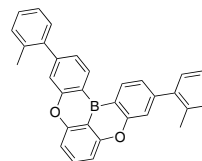
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>27</sub> N <sub>3</sub>
M.W.	:585.69 g/mole
UV	:362 nm (in Toluene)
PL	:437 nm (in Toluene)
HOMO	:-5.52 eV
LUMO	:-2.2 eV



### LT-N4247 | DOBNA-Tol **NEW**

3,11-Di-o-tolyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracene

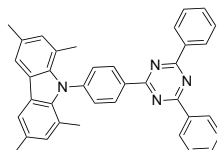
Grade	:Sublimed >99%
Formula	:C <sub>32</sub> H <sub>23</sub> BO <sub>2</sub>
M.W.	:450.33 g/mole
HOMO	:-6.3 eV
LUMO	:-3.2 eV



### LT-N4248 | Cz-TRZ2 NEW

9-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-1,3,6,8-tetramethyl-9H-carbazole

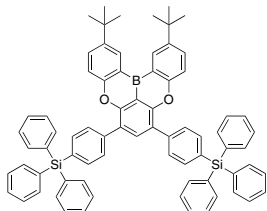
CAS No :2061376-82-5  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :530.66 g/mole  
 PL :465 nm (in Toluene)  
 HOMO :-5.06 eV  
 LUMO :-2.04 eV



### LT-N4249 | mTDBA-2Si NEW

((2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracene-6,8-diyl)bis(4,1-phenylene)bis(triphenylsilane)

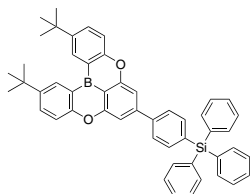
Grade :Sublimed >99%  
 Formula :C<sub>74</sub>H<sub>63</sub>BO<sub>2</sub>Si<sub>2</sub>  
 M.W. :1051.27 g/mole  
 UV :401 nm (in Toluene)  
 PL :432 nm (in Toluene)  
 HOMO :-5.65 eV  
 LUMO :-2.69 eV



### LT-N4250 | TDBA-Si NEW

(4-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)phenyl) triphenylsilane

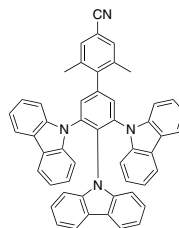
Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>45</sub>BO<sub>2</sub>Si  
 M.W. :716.79 g/mole  
 UV :389 nm (in Toluene)  
 PL :411 nm (in Toluene)  
 HOMO :-5.73 eV  
 LUMO :-2.64 eV



### LT-N4251 | DMBN-PTC NEW

3',4',5'-Tri(9H-carbazol-9-yl)-2,6-dimethyl-[1,1'-biphenyl]-4-carbonitrile

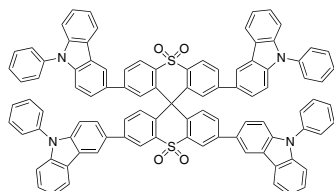
Grade :Sublimed >99%  
 Formula :C<sub>51</sub>H<sub>34</sub>N<sub>4</sub>  
 M.W. :702.84 g/mole  
 UV :338 nm (in Toluene)  
 PL :410 nm (in Toluene)  
 HOMO :-6.26 eV  
 LUMO :-2.7 eV



### LT-N587 | SDPS-4PhCz

3,3',6,6'-Tetrakis(9-phenyl-9H-carbazol-3-yl)-spiro-diphenylsulfone

Grade :Sublimed >99%  
 Formula :C<sub>97</sub>H<sub>60</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :1049.67 g/mole  
 HOMO :-5.74 eV  
 LUMO :-2.49 eV

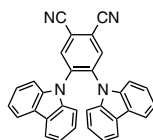


### LT-N670 | 2CzPN

**NEW**

4,5-di(9H-carbazol-9-yl)phthalonitrile

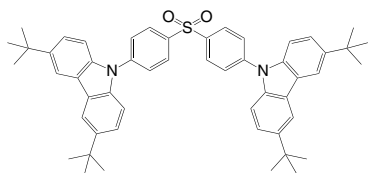
CAS No :1416881-50-9  
 Grade :Sublimed >98%  
 Formula :C<sub>32</sub>H<sub>18</sub>N<sub>4</sub>  
 M.W. :458.51 g/mole



### LT-N672 | CZ-PS

9,9'-(4,4'-Sulfonylbis(4,1-phenylene))bis(3,6-di-tert-butyl-9H-carbazole)

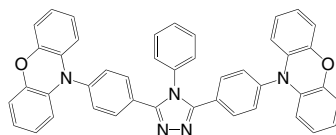
CAS No. :1396165-20-0  
 Grade :Sublimed >99%  
 Formula :C<sub>52</sub>H<sub>56</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :773.08 g/mole  
 UV :346 nm (in Toluene)  
 PL :404 nm (in Toluene)  
 TGA :>250 °C (0.5% weight loss)  
 ΔEST :0.32 eV



### LT-N675 | 2PXZ-TAZ

10,10'-(4,4'-(4-Phenyl-4H-1,2,4-triazole-3,5-diyl))bis(4,1-phenylene))bis(10H-phenoxazine)

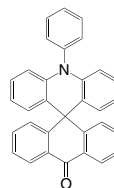
CAS No. :1447998-15-3  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub>  
 M.W. :659.73 g/mole  
 UV :473 nm (in Toluene)  
 PL :462 nm  
 TGA :>300 °C (0.5% weight loss)  
 ΔEST :0.86 eV



### LT-N681 | ACRSA

10-Phenyl-10H,10'H-spiro[acridine-9,9'-anthracen]-10'-one

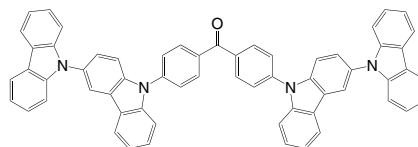
CAS No. :1206626-95-0  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>21</sub>NO  
 M.W. :435.52 g/mole  
 UV :301 nm (in Toluene)  
 PL :490 nm (film)  
 TGA :>250 °C (0.5% weight loss)  
 ΔEST :0.04 eV



### LT-N684 | CC2BP

Bis(4-(9H-3,9'-bicarbazol-9-yl)phenyl)methanone

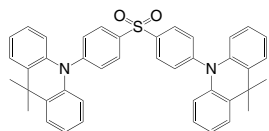
CAS No. :1233215-35-4  
 Grade :Sublimed >99%  
 Formula :C<sub>61</sub>H<sub>38</sub>N<sub>4</sub>O  
 M.W. :842.98 g/mole  
 UV :345 nm (in Toluene)  
 PL :475 nm  
 TGA :>250 °C (0.5% weight loss)  
 ΔEST :0.14 eV



### LT-N685 | DMAC-DPS

10,10'-(4,4'-Sulfonylbis(4,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

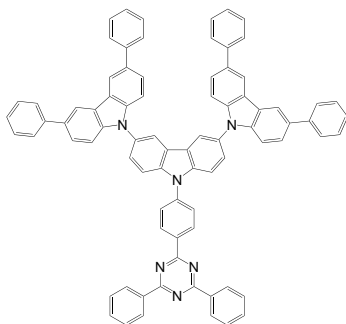
CAS No.	:1477512-32-5
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>36</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	:632.81 g/mole
UV	:286 nm (in Toluene)
PL	:469 nm (in Toluene)
TGA	:>250 °C (0.5% weight loss)
ΔEST	:0.09 eV



### LT-N686 | BDPCC-TPTA

9'-[4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl]-3,3'',6,6''-tetraphenyl-9,3',6',9''-ter-9H-carbazole

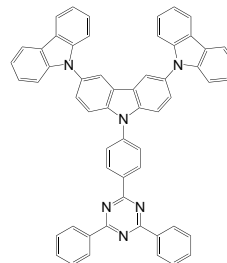
CAS No.	:1620808-43-6
Grade	:Sublimed >99%
Formula	:C <sub>81</sub> H <sub>52</sub> N <sub>6</sub>
M.W.	:1109.32 g/mole
UV	:288 nm (in Toluene)
PL	:463 nm (in Toluene)
TGA	:>300 °C (0.5% weight loss)
ΔEST	:0.11 eV



### LT-N687 | BCC-TPTA

9'-[4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl]-9,3',6',9''-ter-9H-carbazole

CAS No.	:1361093-61-9
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>36</sub> N <sub>6</sub>
M.W.	:804.94 g/mole
UV	:283 nm (in Toluene)
PL	:462 nm (in Toluene)
TGA	:>300 °C (0.5% weight loss)
ΔEST	:0.19 eV

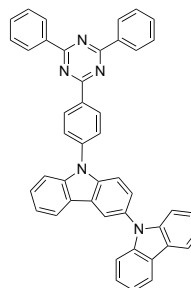


### LT-N688

**NEW**

9'-[4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl]-3,9'-Bi-9H-carbazole

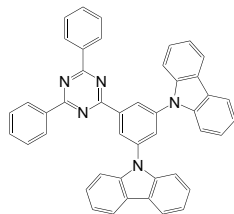
CAS No.	:1480889-49-3
Grade	:Sublimed >99%
Formula	:C <sub>45</sub> H <sub>29</sub> N <sub>5</sub>
M.W.	:639.75 g/mole



### LT-N689 | DCzTrz

9,9'-(5-(4,6-Diphenyl-1,3,5-triazin-2-yl)-1,3-phenylene)bis(9H-carbazole)

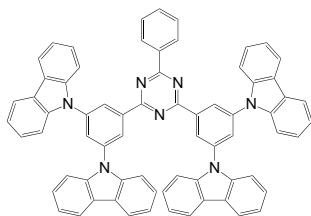
CAS No.	:1106730-48-6
Grade	:Sublimed >99%
Formula	:C <sub>45</sub> H <sub>29</sub> N <sub>5</sub>
M.W.	:639.75 g/mole
UV	:337 nm (in Toluene)
PL	:449 nm (in Toluene)
TGA	:>300 °C (0.5% weight loss)
ΔEST	:0.25 eV



### LT-N690 | DDCzTrz

9,9',9''-9'''-((6-Phenyl-1,3,5-triazine-2,4-diyl)bis(benzene-5,3,1-triyl))tetrakis(9H-carbazole)

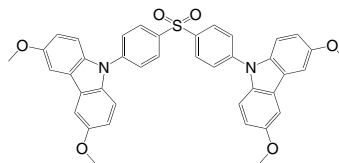
CAS No.	:1685282-47-6
Grade	:Sublimed >99%
Formula	:C <sub>69</sub> H <sub>43</sub> N <sub>7</sub>
M.W.	:970.13 g/mole
UV	:337 nm (in Toluene)
PL	:461 nm (in Toluene)
TGA	:>320 °C (0.5% weight loss)
ΔEST	:0.27 eV



### LT-N691 | DMOC-DPS

9,9'-(4,4'-Sulfonylbis(4,1-phenylene))bis(3,6-dimethoxy-9H-carbazole)

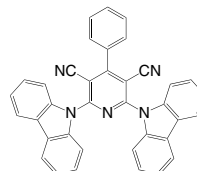
CAS No.	:1477507-77-9
Grade	:Sublimed >99%
Formula	:C <sub>40</sub> H <sub>32</sub> N <sub>2</sub> O <sub>6</sub> S
M.W.	:668.76 g/mole
UV	:370 nm (in Toluene)
PL	:485 nm (in Toluene)
TGA	:>250 °C (0.5% weight loss)
ΔEST	:0.21 eV



### LT-N695 | CPC

2,6-Di(9H-carbazol-9-yl)-4-phenylpyridine-3,5-dicarbonitrile

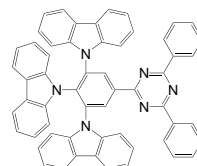
CAS No.	:1803330-63-3
Grade	:Sublimed >99%
Formula	:C <sub>37</sub> H <sub>21</sub> N <sub>5</sub>
M.W.	:535.60 g/mole
PL	:474 (in Toluene)
TGA	:>280 °C (0.5% weight loss)
HOMO	:-6.25 eV
LUMO	:-3.47 eV



### LT-N696 | TCzTrz

9,9',9''-(5-(4,6-Diphenyl-1,3,5-triazin-2-yl)benzene-1,2,3-triyl)tris(9H-carbazole)

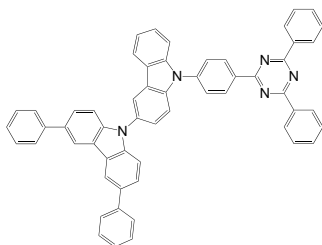
CAS No.	:1808158-40-8
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>36</sub> N <sub>6</sub>
M.W.	:804.94 g/mole
UV	:414 nm
PL	:480 nm
HOMO	:-5.40 eV
LUMO	:-2.18 eV
Triplet Energy	:-2.80 eV



### LT-N698 | DPCC-TPTA

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-3',6'-diphenyl-9H-3,9'-bicarbazole

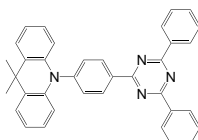
CAS No. :1620808-42-5  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>37</sub>N<sub>5</sub>  
 M.W. :791.94 g/mole  
 UV :261, 349 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :463 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>300 °C (0.5% weight loss)



### LT-N699 | DMAC-TRZ

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-9,9-dimethyl-9,10-dihydroacridine

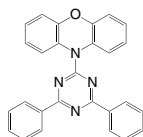
CAS No. :1628752-98-6  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>28</sub>N<sub>4</sub>  
 M.W. :516.63 g/mole  
 UV :390 nm (in Toluene)  
 PL :495 nm (in Toluene)



### LT-N4117 | Phen-TRZ

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-10H-phenoxazine

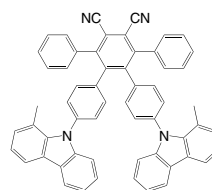
CAS No. :1357066-21-7  
 Grade :Sublimed >99%  
 Formula :C<sub>27</sub>H<sub>18</sub>N<sub>4</sub>O  
 M.W. :414.46 g/mole  
 UV :231, 267, 306 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :497 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>240 °C (0.5% weight loss)



### LT-N6001 | Cz-VPN

3,6-Dibenzoyl-4,5-di(1-methyl-9-phenyl-9H-carbazoyl)-2-ethynylbenzotrile

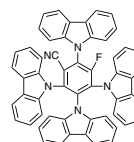
CAS No. :1883400-30-3  
 Grade :Sublimed >99%  
 Formula :C<sub>58</sub>H<sub>38</sub>N<sub>4</sub>  
 M.W. :790.97 g/mole  
 UV :292, 325, 339 nm (in Toluene)  
 PL :440 nm (in Toluene)  
 HOMO :-6.10 eV  
 LUMO :-2.90 eV  
 Triplet Energy:-2.72 eV



### LT-N6005 | 4CZFCN

2,3,4,6-Tetra(9H-carbazol-9-yl)-5-fluorobenzotrile

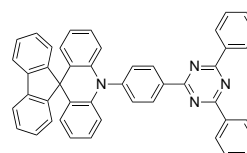
CAS No. :1819362-10-1  
 Grade :Sublimed >99%  
 Formula :C<sub>55</sub>H<sub>32</sub>FN<sub>5</sub>  
 M.W. :781.87 g/mole  
 UV :228, 307 nm (in THF)  
 PL :471 nm (film)  
 Tg :179 °C  
 HOMO :-6.31 eV  
 LUMO :-3.49 eV



### LT-N6006 | SpiroAC-TRZ NEW

10-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-10H-spiro[acridine-9,9'-fluorene]

CAS No. :1980037-96-4  
 Grade :Sublimed >99%  
 Formula :C<sub>46</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :638.76 g/mole  
 PL :479 nm (in Toluene)  
 HOMO :-5.7 eV  
 LUMO :-3.12 eV

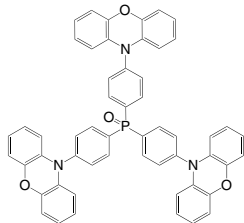




### LT-N6007 | TPXZPO

10,10',10''-(4,4',4''-Phosphoryltris(benzene-4,1-diyl))tris(10H-phenoxazine)

CAS No.	:2001115-35-9
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>36</sub> N <sub>3</sub> O <sub>4</sub> P
M.W.	:821.86 g/mol
UV	:239, 322, 371 nm (in Toluene)
PL	:478 nm (film)
HOMO	:-5.57 eV
LUMO	:-2.66 eV

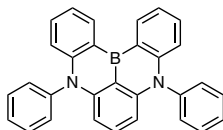


### LT-N6009 | DABNA-1

**NEW**

5,9-diphenyl-5H,9H-[1,4]Benzazaborino[2,3,4-kl]phenazaborine

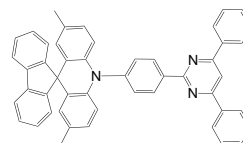
CAS No.	:1689552-89-3
Grade	:> 98%
Formula	:C <sub>30</sub> H <sub>21</sub> BN <sub>2</sub>
M.W.	:420.31 g/mole
UV	:437 nm
PL	:462 nm
HOMO	:-4.74 eV
LUMO	:-1.08 eV
Solvent	:DCM
ΔEST	:0.2 eV



### LT-N6013 | MFAc-PPM

10-(4-(4,6-Diphenylpyrimidin-2-yl)phenyl)-2,7-dimethyl-10H-spiro[acridine-9,9'-fluorene]

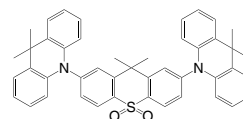
CAS No.	:2160591-15-9
Grade	:Sublimed >99%
Formula	:C <sub>49</sub> H <sub>35</sub> N <sub>3</sub>
M.W.	:665.82 g/mole
UV	:309, 386 nm (in Toluene)
PL	:458 nm (in Toluene)
HOMO	:-5.62 eV
LUMO	:-2.67 eV
ΔEST	:0.25 eV



### LT-N6014 | DMTDAc

2,7-Bis(9,9-dimethylacridin-10(9H)-yl)-9,9-dimethyl-9H-thioxanthene-10,10-dioxide

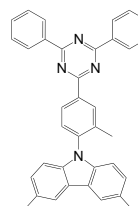
CAS No.	:1877288-52-2
Grade	:Sublimed >99%
Formula	:C <sub>45</sub> H <sub>40</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	:672.88 g/mole
PL	:450 nm (in Toluene)
HOMO	:-6.1 eV
LUMO	:-3.35 eV



### LT-N6016 | Cz-TRZ3

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2-methylphenyl)-3,6-dimethyl-9H-carbazole

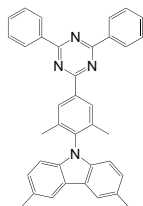
CAS No.	:2061376-83-6
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>28</sub> N <sub>4</sub>
M.W.	:516.63 g/mole
PL	:435 nm (in Toluene)
HOMO	:-5.23 eV
LUMO	:-1.93 eV



### LT-N6017 | Cz-TRZ4

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2,6-dimethylphenyl)-3,6-dimethyl-9H-carbazole

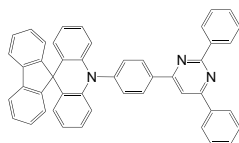
CAS No. :2061376-84-7  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :530.66 g/mole  
 PL :432 nm (in Toluene)  
 HOMO :-5.22 eV  
 LUMO :-1.9 eV



### LT-N6018 | SpiroAC-DPP

10-(4-(2,6-Diphenylpyrimidin-4-yl)phenyl)-10H-spiro[acridine-9,9'-fluorene]

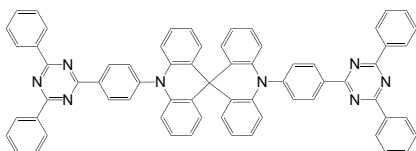
CAS No. :2254002-33-8  
 Grade :Sublimed >99%  
 Formula :C<sub>47</sub>H<sub>31</sub>N<sub>3</sub>  
 M.W. :637.77 g/mole



### LT-N6026 | TZ-SBA

10,10'-Bis[4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl]-9,9'-spirobi(acridine)

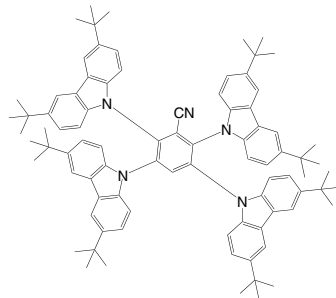
CAS No. :2107977-57-9  
 Grade :Sublimed >99%  
 Formula :C<sub>67</sub>H<sub>44</sub>N<sub>8</sub>  
 M.W. :961.15 g/mole  
 PL :488 nm (film)  
 HOMO :-5.73 eV  
 LUMO :-2.92 eV  
 ΔEST : 0.05 eV



### LT-N6029 | 4TCzBN

2,3,5,6-Tetrakis[3,6-bis(1,1-dimethylethyl)-9H-carbazol-9-yl]benzotrile

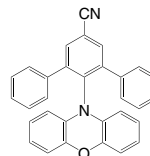
CAS No. :2055722-93-3  
 Grade :Sublimed >99%  
 Formula :C<sub>87</sub>H<sub>97</sub>N<sub>5</sub>  
 M.W. :1212.73 g/mole  
 PL :456 nm



### LT-N6030 | mPTC

2'-(10H-Phenoxazin-10-yl)-[1,1':3',1''-terphenyl]-5'-carbonitrile

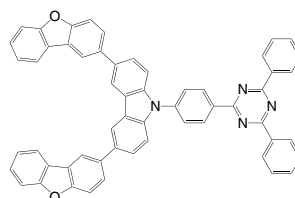
CAS No. :1948247-74-2  
 Grade :Sublimed >99%  
 Formula :C<sub>31</sub>H<sub>20</sub>N<sub>2</sub>O  
 M.W. :436.50 g/mole  
 UV :320, 405 nm (in Cyclohexane)  
 PL :455 nm (in Cyclohexane)  
 HOMO :-5.12 eV  
 LUMO :-2.84 eV



### LT-N6039 | BDBFCz-Trz

3,6-Bis(dibenzo[b,d]furan-2-yl)-9-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-9H-carbazole

CAS No. :1361094-87-2  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>34</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :806.91 g/mole  
 UV :377 nm (in Toluene)  
 PL :488 nm (film)  
 HOMO :-5.75 eV  
 LUMO :-2.75 eV  
 ΔEST :0.2 eV

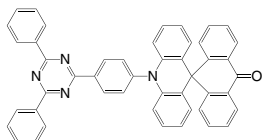


## Blue Dopant

### LT-N6041 | TRZ-p-ACRSA

10-[4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl]-10H,10'H-spiro[acridine-9,9'-anthracen]-10'-one

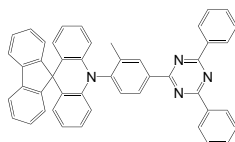
CAS No. :2376395-03-6  
 Grade :Sublimed >99%  
 Formula :C<sub>47</sub>H<sub>30</sub>N<sub>4</sub>O  
 M.W. :666.77 g/mole  
 UV :270 nm (in Toluene )  
 HOMO :-5.01 eV  
 LUMO :-2.20 eV



### LT-N6042 | TTSA

10-[4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2-methylphenyl]-spiro[acridine-9(10H),9'-[9H]fluorene]

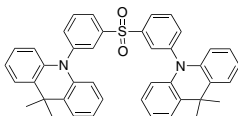
CAS No. :2266577-89-1  
 Grade :Sublimed >99%  
 Formula :C<sub>47</sub>H<sub>32</sub>N<sub>4</sub>  
 M.W. :652.78 g/mole  
 UV :395 nm (in Toluene)  
 PL :481 nm (film)  
 HOMO :-5.74 eV  
 LUMO :-1.39 eV  
 ΔEST :0.063 eV



### LT-N6044 | m-ACSO2

10,10'-(sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

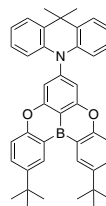
CAS No. :1477512-43-8  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>36</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :632.81 g/mole  
 PL :473 nm (film)  
 HOMO :-5.36 eV  
 LUMO :-2.26 eV  
 ΔEST :0.07 eV



### LT-N6050 | TDBA-Ac

10-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9,9-dimethyl-9,10-dihydroacridine

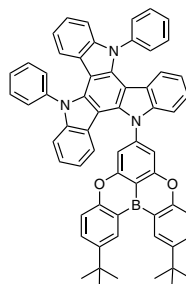
CAS No. :2378498-82-7  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>40</sub>BNO<sub>2</sub>  
 M.W. :589.57 g/mole  
 UV :283, 381 nm (in Toluene)  
 PL :458 nm (in Toluene)



### LT-N6051 | TDBA-DI

5-(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-10,15-diphenyl-10,15-dihydro-5H-diindolo[3,2-a:3',2'-c]carbazole

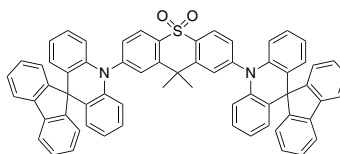
CAS No. :2378498-85-0  
 Grade :Sublimed >99%  
 Formula :C<sub>62</sub>H<sub>48</sub>BN<sub>3</sub>O<sub>2</sub>  
 M.W. :877.87 g/mole



### LT-N6052 |

9,9-dimethyl-2,7-di(10H-spiro[acridine-9,9'-fluorene]-10-yl)-9H-thioxanthene 10,10-dioxide

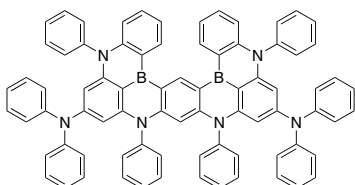
CAS No. :2225890-16-2  
 Grade :Sublimed >99%  
 Formula :C<sub>65</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :917.12 g/mole



## LT-N6053 | v-DABNA

5H,9H,11H,15H-[1,4] Benzazaborino [2,3,4-kl][1,4] benzazaborino[4',3',2':4,5][1,4]benzazaborino[3,2-b] phenazaborine-7,13-diamine, N<sub>7</sub>,N<sub>7</sub>,N<sub>13</sub>,N<sub>13</sub>,5,9,11,15-octaphenyl

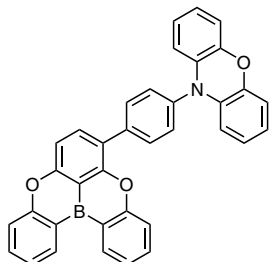
CAS No. :2251782-13-3  
Grade :Sublimed >98%  
Formula :C<sub>78</sub>H<sub>54</sub>B<sub>2</sub>N<sub>6</sub>  
M.W. :1096.93 g/mole



## LT-N6055 | OBA-O

10-(4-[1,4]Benzoxaborino[2,3,4-kl] phenoxaborin-6-ylphenyl)-10H-Phenoxazine

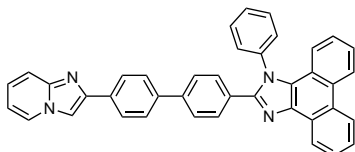
CAS No. :2376652-72-9  
Grade :Sublimed >99%  
Formula :C<sub>36</sub>H<sub>22</sub>BNO<sub>3</sub>  
M.W. :527.38 g/mole  
PL :444 nm (in Toluene)  
HOMO :-5.15 eV  
LUMO :-2.31 eV  
ΔEST :0.09 eV



## LT-N6056 | IP-PPI

2-(4'-(Imidazo[1,2-a]pyridin-2-yl)biphenyl-4-yl)-1-phenyl-1H-phenanthro[9,10-d]imidazole

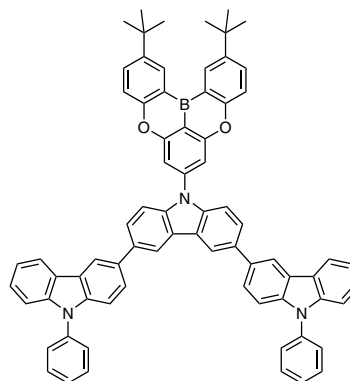
CAS No. :2494198-09-1  
Grade :Sublimed >99%  
Formula :C<sub>40</sub>H<sub>26</sub>N<sub>4</sub>  
M.W. :562.66 g/mole  
PL :435 nm (film)  
HOMO :-5.44 eV  
LUMO :-2.40 eV  
Triplet Energy:-2.56 eV



## LT-N6057 | TB-P3Cz

9'-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho- [3,2,1-de]anthracen-7-yl)-9,9''-diphenyl-9H,9'H,9''H-3,3':6',3''-tercarbazole

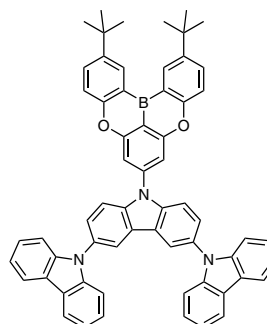
CAS No. :2411720-50-6  
Grade :Sublimed >99%  
Formula :C<sub>74</sub>H<sub>56</sub>BN<sub>3</sub>O<sub>2</sub>  
M.W. :1030.07 g/mole  
PL :460 nm (film)  
HOMO :-4.88 eV  
LUMO :-1.72 eV  
ΔEST :0.113 eV



## LT-N6058 | TB-3Cz

(9'-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de] anthracen-7-yl)-9'H-9,3':6',9''-tercarbazole

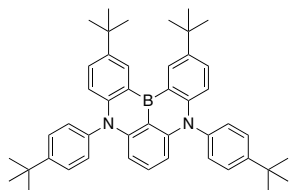
CAS No. :2762980-13-0  
Grade :Sublimed >99%  
Formula :C<sub>62</sub>H<sub>48</sub>BN<sub>3</sub>O<sub>2</sub>  
M.W. :877.87 g/mole  
PL :433 nm (film)  
HOMO :-5.15 eV  
LUMO :-1.93 eV  
ΔEST :0.064 eV



**LT-N6059** | t-DABNA

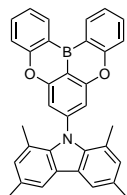
2,12-di-tert-butyl-5,9-bis(4-(tert-butyl)phenyl)-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracene

CAS No.	:1802003-07-1
Grade	:Sublimed >99%
Formula	:C <sub>46</sub> H <sub>53</sub> BN <sub>2</sub>
M.W.	:644.74 g/mole
UV	:445 nm
TGA	:>300 °C (0.5% weight loss)
HOMO	:-5.72 eV
LUMO	:-3.02 eV

**LT-N6060** | TMCz-BO

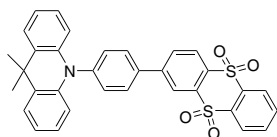
9-[1,4]Benzoxaborino[2,3,4-kl]phenoxaborin-7-yl-1,3,6,8-tetramethyl-9H-carbazole

CAS No.	:2170468-48-9
Grade	:Sublimed >99%
Formula	:C <sub>34</sub> H <sub>26</sub> BN <sub>2</sub> O <sub>2</sub>
M.W.	:491.39 g/mole
PL	:467 nm (film)
HOMO	:-5.29 eV
LUMO	:-1.83 eV

**LT-N6061** | ACRDSO2

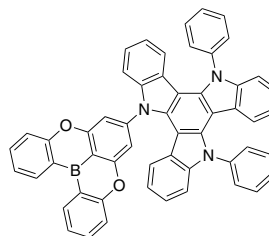
2-(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)thianthrene 5,5,10,10-tetraoxide

CAS No.	:1771775-06-4
Grade	:Sublimed >99%
Formula	:C <sub>33</sub> H <sub>25</sub> NO <sub>4</sub> S <sub>2</sub>
M.W.	:563.69 g/mole

**LT-N6062** | DBA-DI

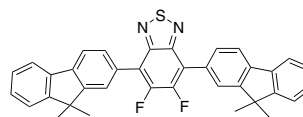
5-(5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-10,15-diphenyl-10,15-dihydro-5H-diindolo[3,2-a:3',2'-c]carbazole

CAS No.	:2643306-48-1
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>32</sub> BN <sub>3</sub> O <sub>2</sub>
M.W.	:765.66 g/mole

**LT-N6064** | 2F-BTH-DMF

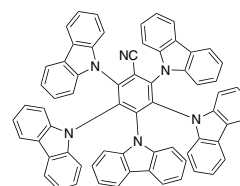
4,7-Bis(9,9-dimethyl-9H-fluoren-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole

CAS No.	:2045350-88-5
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>26</sub> F <sub>2</sub> N <sub>2</sub> S
M.W.	:556.67 g/mole
PL	:483 nm (film)
HOMO	:-6.05 eV
LUMO	:-3.44 eV

**LT-N6068** | 5CzBN**NEW**

2,3,4,5,6-Penta(9H-carbazol-9-yl)benzotrile

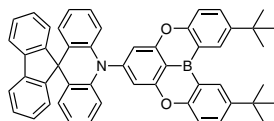
CAS No	:1469700-24-0
Grade	:Sublimed >99%
Formula	:C <sub>67</sub> H <sub>40</sub> N <sub>6</sub>
M.W.	:929.07 g/mole
PL	:464 nm (in Toluene)
HOMO	:-5.55 eV
LUMO	:-2.74 eV



## LT-N6069 | TDBA-SAF

10-(2,12-di-tert-butyl-5,9-dioxa-13boranaphtho[3,2,1-de]anthracen-7-yl)-10H-spiro[acridine-9,9'-fluorene]

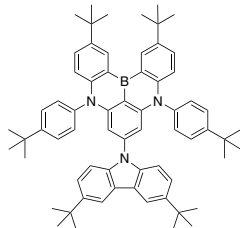
CAS No.	:2643306-28-7
Grade	:Sublimed >99%
Formula	:C <sub>51</sub> H <sub>42</sub> BN <sub>2</sub> O <sub>2</sub>
M.W.	:711.70 g/mole
PL	:456 nm
HOMO	:-5.7 eV
LUMO	:-2.4 eV



## LT-N6070 | TBN-TPA

2,12-Di-tert-butyl-5,9-bis(4-(tert-butyl)phenyl)-7(3,6-di-tert-butyl-9H-carbazol-9-yl)-5,9-dihydro-5,9-iaza-13b-boranaphtho[3,2,1-de]anthracene

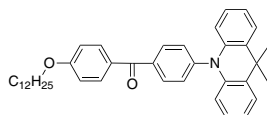
CAS No.	:2376745-32-1
Grade	:>98%
Formula	:C <sub>66</sub> H <sub>76</sub> BN <sub>3</sub>
M.W.	:922.14 g/mole
UV	:306, 389, 451 nm
PL	:470 nm (in Toluene)
HOMO	:-5.19 eV
LUMO	:-2.56 eV
ΔEST	:0.03 eV



## LT-N6073 | M1

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

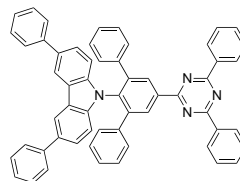
Grade	:Sublimed >99%
Formula	:C <sub>40</sub> H <sub>47</sub> NO <sub>2</sub>
M.W.	:573.81 g/mole
PL	:488 nm (film)
HOMO	:-4.93 eV
LUMO	:-1.73 eV
ΔEST	:0.038 eV



## LT-N6074 | PPCzTrz

9-(5'-(4,6-Diphenyl-1,3,5-triazin-2-yl)-[1,1':1''-terphenyl]-2'-yl)-3,6-diphenyl-9H-carbazole

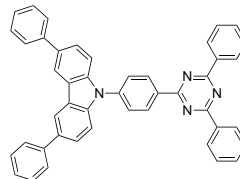
CAS No.	:2329651-89-8
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>38</sub> N <sub>4</sub>
M.W.	:778.94 g/mole
UV	:444 nm (in Toluene)
HOMO	:-5.602 eV
LUMO	:-2.657 eV



## LT-N6075 | PCzTrz

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-3,6-diphenyl-9H-carbazole

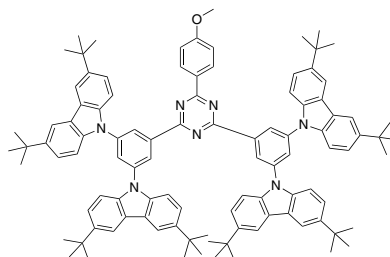
CAS No.	:1619966-65-2
Grade	:Sublimed >99%
Formula	:C <sub>45</sub> H <sub>30</sub> N <sub>4</sub>
M.W.	:626.75 g/mole
UV	:434 nm (in Toluene)
HOMO	:-5.609 eV
LUMO	:-2.585 eV



## LT-N6076 | mtCzTrz

9,9'-(5-(4-(3-(3-(tert-butyl)-6-isopropyl-9H-carbazol-9-yl)-5-(3,6-diisopropyl-9H-carbazol-9-yl)phenyl)-6-(4-methoxyphenyl)-1,3,5-triazin-2-yl)-1,3-phenylene)bis(3,6-di-tert-butyl-9H-carbazole)

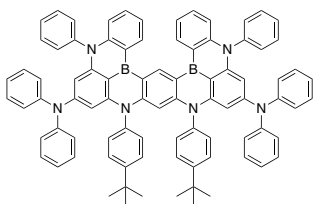
Grade	:Sublimed >99%
Formula	:C <sub>102</sub> H <sub>109</sub> N <sub>7</sub> O
M.W.	:1449 g/mole
PL	:469 nm (in Toluene)
HOMO	:-6.03 eV
LUMO	:-3.41 eV



### LT-N6077 | t-Bu-v-DABNA

*N*<sub>7</sub>,*N*<sub>7</sub>,*N*<sub>13</sub>,*N*<sub>13</sub>,5,15-hexaphenyl-9,11-bis(4-(tert-butyl)phenyl)-5,9,11,15-tetrahydro-5,9,11,15-tetraaza-19b,20b-diboradiphenyltho [3,2,1-de:1',2',3'-jk]pentacene-7,13-diamine

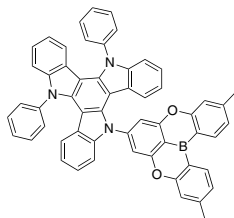
CAS No. :2914070-28-1  
 Grade :Sublimed >99%  
 Formula :C<sub>86</sub>H<sub>70</sub>B<sub>2</sub>N<sub>6</sub>  
 M.W. :1209.14 g/mole  
 PL :467 nm (in Toluene)  
 HOMO :-5.54 eV  
 LUMO :-2.94 eV  
 ΔEST :0.04 eV



### LT-N6079 | mMDBA-DI

5-(3,11-Dimethyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-10,15-diphenyl-10,15-dihydro-5H-diindolo[3,2-a:3',2'-c]carbazole

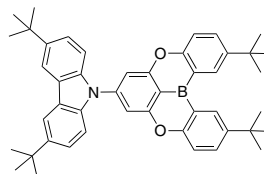
CAS No. :2770257-85-5  
 Grade :Sublimed >99%  
 Formula :C<sub>56</sub>H<sub>36</sub>BN<sub>3</sub>O<sub>2</sub>  
 M.W. :793.71 g/mole  
 PL :451 nm (in Toluene)  
 HOMO :-5.48 eV  
 LUMO :-2.57 eV  
 ΔEST :0.12 eV



### LT-N6080 | TB-tCz

3,6-Di-tert-butyl-9-(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

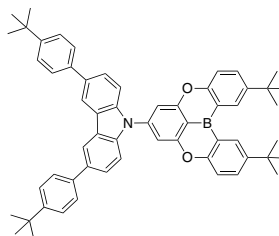
Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>50</sub>BNO<sub>2</sub>  
 M.W. :659.71 g/mole  
 PL :415 nm (in Toluene)  
 HOMO :-5.64 eV  
 LUMO :-2.47 eV  
 ΔEST :0.23 eV



### LT-N6081 | TB-tPCz

3,6-Bis(4-(tert-butyl)phenyl)-9-(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

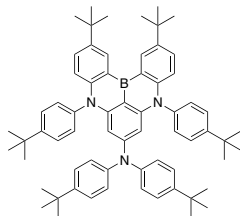
Grade :Sublimed >99%  
 Formula :C<sub>58</sub>H<sub>58</sub>BNO<sub>2</sub>  
 M.W. :811.90 g/mole  
 PL :422 nm (in Toluene)  
 HOMO :-5.69 eV  
 LUMO :-2.64 eV  
 ΔEST :0.17 eV



## LT-N6085 | 3tPAB

2,12-Di-tert-butyl-N,N,5,9-tetrakis(4-(tert-butyl)phenyl)-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracen-7-amine

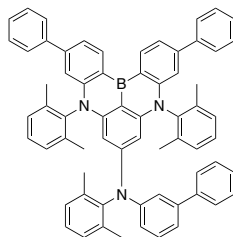
CAS No.	:2056877-25-7
Grade	:Sublimed >98%
Formula	:C <sub>66</sub> H <sub>78</sub> BN <sub>3</sub>
M.W.	:924.16 g/mole
PL	:458 nm (film)
HOMO	:-5.09 eV
LUMO	:-2.36 eV



## LT-N6091 | mBP-DABNA-Me

N-([1,1'-biphenyl]-3-yl)-N,5,9-tris(2,6-dimethylphenyl)-3,11-diphenyl-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracen-7-amine

CAS No.	:2839867-64-8
Grade	:Sublimed >98%
Formula	:C <sub>66</sub> H <sub>54</sub> BN <sub>3</sub>
M.W.	:899.97 g/mole
UV	:445 nm (in Toluene)
PL	:464 nm (in Toluene)
HOMO	:-4.92 eV
LUMO	:-1.44 eV
ΔEST	:0.12 eV

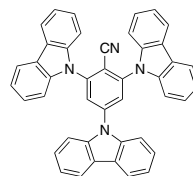


## LT-N6093 | 3CzBN

NEW

2,4,6-Tri(9H-carbazol-9-yl)benzotrile

CAS No.	:1799923-03-7
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>26</sub> N <sub>4</sub>
M.W.	:598.69 g/mole
PL	:432 nm (in Toluene)
HOMO	:-5.75 eV
LUMO	:-2.61 eV
ΔEST	:0.23 eV

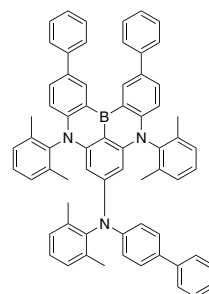


## LT-N6095 | pBP-DABNA-Me

NEW

N-([1,1'-biphenyl]-4-yl)-N,5,9-tris(2,6-dimethylphenyl)-2,12-diphenyl-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracen-7-amine

CAS No.	:839867-63-7
Grade	:Sublimed >98%
Formula	:C <sub>66</sub> H <sub>54</sub> BN <sub>3</sub>
M.W.	:899.97
UV	:444 nm (in Toluene)
PL	:458 nm (in Toluene)
HOMO	:-5.18 eV
LUMO	:-2.82 eV
ΔEST	:0.11 eV



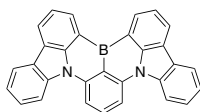


### LT-N6096 | CzBN

**NEW**

2,6-Bis(9H-carbazol-9-yl)boron

CAS No.	:2170487-27-9
Grade	:Sublimed >99%
Formula	:C <sub>30</sub> H <sub>17</sub> BN <sub>2</sub>
M.W.	:416.28 g/mole
UV	:470 nm
PL	:478 nm
HOMO	:-5.62 eV
LUMO	:-2.91 eV
Solvent	:DCM
ΔEST	:0.12 eV

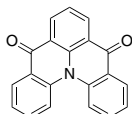


### LT-N6097 | DiKTa

**NEW**

Quinolino[3,2,1-de]acridine-5,9-dione

CAS No.	:32081-22-4
Grade	:>98%
Formula	:C <sub>20</sub> H <sub>11</sub> NO <sub>2</sub>
M.W.	:297.31 g/mole
PL	:453 nm (in Toluene)
HOMO	:-5.94 eV
LUMO	:-2.31 eV
ΔEST	:0.2 eV

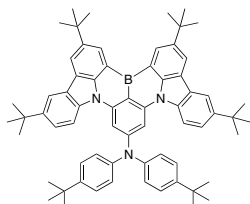


### LT-N6098 | tDPA-DtCzB

**NEW**

4-(4',4'-di-tert-butyl)diphenylamine-2,6-bis(9H-carbazol-9-yl)boron

CAS No.	:2760492-67-7
Grade	:Sublimed >99%
Formula	:C <sub>66</sub> H <sub>74</sub> BN <sub>3</sub>
M.W.	:920.12 g/mole

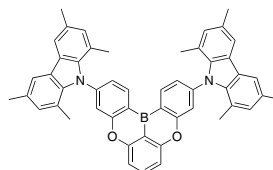


### LT-N6099 | DBA-DTMCz

**NEW**

3,11-Bis(1,3,6,8-tetramethyl-9H-carbazol-9-yl)-5,9-dioxo-13b-boranaphtho[3,2,1-de]anthracene

Grade	:Sublimed >99%
Formula	:C <sub>50</sub> H <sub>41</sub> BN <sub>2</sub> O <sub>2</sub>
M.W.	:712.68 g/mole
UV	:390 nm (in Toluene)
PL	:455 nm (in Toluene)

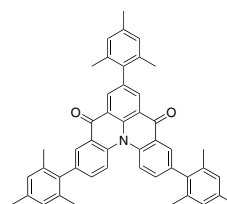


### LT-N6101 | Mes3DiKTa

**NEW**

3,7,11-Trimesitylquinolino[3,2,1-de]acridine-5,9-dione

Grade	:>98%
Formula	:C <sub>47</sub> H <sub>41</sub> NO <sub>2</sub>
M.W.	:651.83 g/mole
PL	:468 nm (in Toluene)
HOMO	:-5.86 eV
LUMO	:-3.26 eV
ΔEST	:0.19 eV

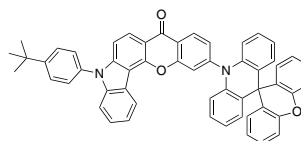


### LT-N6102 | CCO-2

**NEW**

5-(4-(Tert-butyl)phenyl)-11-(10H-spiro[acridine-9,9'-xanthen]-10-yl)chromeno[3,2-c]carbazol-8(5H)-one

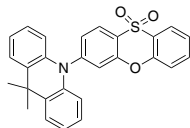
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>38</sub> N <sub>2</sub> O <sub>3</sub>
M.W.	:762.89 g/mole
UV	:364 nm (in Toluene)
PL	:465 nm (in Toluene)
HOMO	:-5.43 eV
LUMO	:-2.71 eV
ΔEST	:0.064 eV



**LT-N6103** | Ac-OSO**NEW**

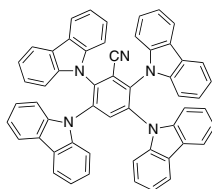
4,7-bis(5-bromo-4-hexylthiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole

CAS No :1786395-33-2  
 Grade :Sublimed >99%  
 Formula :C<sub>27</sub>H<sub>21</sub>NO<sub>3</sub>S  
 M.W. :439.53 g/mole

**LT-N6104** | 4CzBN**NEW**

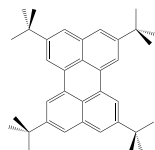
2,3,5,6-tetra(9H-carbazol-9-yl)benzotrile

CAS No :1996609-93-8  
 Grade :Sublimed >99%  
 Formula :C<sub>55</sub>H<sub>33</sub>N<sub>5</sub>  
 M.W. :763.88 g/mole  
 UV :334, 403 nm (in Toluene)  
 PL :443 nm (in Toluene)  
 HOMO :-5.7 eV  
 LUMO :-2.75 eV

**LT-E603** | TBP

2,5,8,11-Tetra-tert-butylperylene

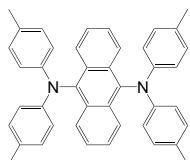
CAS No. :80663-92-9  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>44</sub>  
 M.W. :476.73 g/mole  
 UV :412, 438 nm (in THF)  
 PL :457nm (in DCM)  
 TGA :>220 °C (0.5% weight loss)



### LT-N507 | TTPA

9,10-Bis[N,N -di-(p-tolyl)-amino]anthracene

CAS No. :177799-16-5  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :568.75 g/mole  
 UV :294, 471 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :554 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>280 °C (0.5% weight loss)

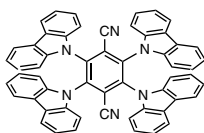


### LT-N524 | 4-CzTPN

**NEW**

2,3,5,6-tetra(9H-carbazol-9-yl)terephthalonitrile

CAS No :1416881-53-2  
 Grade :Sublimed >98%  
 Formula :C<sub>56</sub>H<sub>32</sub>N<sub>6</sub>  
 M.W. :788.89 g/mole

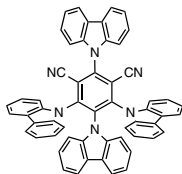


### LT-N525 | 4CzIPN

**NEW**

2,4,5,6-tetra(9H-carbazol-9-yl)isophthalonitrile

CAS No :1416881-52-1  
 Grade :Sublimed > 98%  
 Formula :C<sub>56</sub>H<sub>32</sub>N<sub>6</sub>  
 M.W. :788.89 g/mole  
 UV :365 nm (Acetonitrile)  
 PL :551 nm (Acetonitrile)  
 HOMO :-5.8 eV  
 LUMO :-3.4 eV

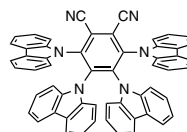


### LT-N526 | 4CzPN

**NEW**

3,4,5,6-tetra(9H-carbazol-9-yl)phthalonitrile

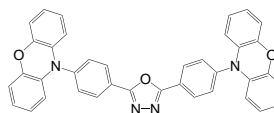
CAS No :1416881-51-0  
 Grade :Sublimed >99%  
 Formula :C<sub>56</sub>H<sub>32</sub>N<sub>6</sub>  
 M.W. :788.89 g/mole  
 UV :325, 364 nm (in Toluene)  
 PL :528 nm (in Toluene)  
 HOMO :-5.83 eV  
 LUMO :-3.38 eV



### LT-N528 | 2PXZ-OXD

2,5-bis(4-(10H-phenoxazin-10-yl)phenyl)-1,3,4-oxadiazole

CAS No. :1447998-13-1  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>  
 M.W. :584.62 g/mole  
 UV :291 nm (in Toluene)  
 PL :502 nm (in Toluene)  
 TGA :>250 °C (0.5% weight loss)  
 ΔEST :0.15 eV

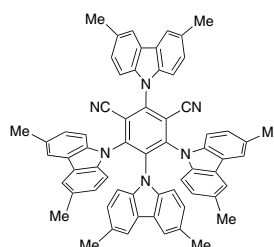


### LT-N534 | m4CzIPN

**NEW**

2,4,5,6-Tetrakis(3,6-dimethyl-9H-carbazol-9-yl)isophthalonitrile

CAS No :1469703-61-4  
 Grade :>98%  
 Formula :C<sub>64</sub>H<sub>48</sub>N<sub>6</sub>  
 M.W. :901.11 g/mole  
 UV :395, 467 nm (in Toluene)  
 PL :525 nm (in Toluene)  
 HOMO :-5.41 eV  
 LUMO :-2.4 eV

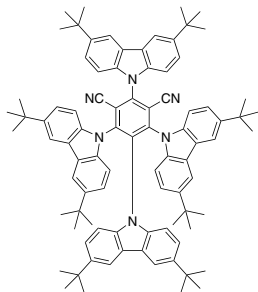


### LT-N535 | t4CzIPN

**NEW**

2,4,5,6-Tetrakis[3,6-bis(1,1-dimethylethyl)-9H-carbazol-9-yl]-1,3-Benzenedicarbonitrile

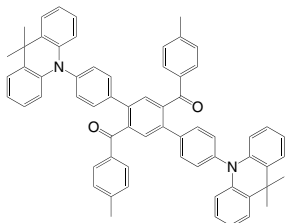
CAS No. :1630263-99-8  
 Grade :Sublimed >99%  
 Formula :C<sub>88</sub>H<sub>96</sub>N<sub>6</sub>  
 M.W. :1237.74 g/mole



### LT-N538 | AcPmBPX

1,4-Bis(9,9-dimethylacridan-10-yl-p-phenyl)-2,5-bis(p-tolylmethanoyl)benzene

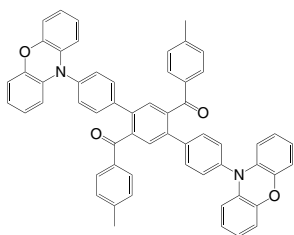
CAS No. :1647121-45-6  
 Grade :Sublimed >99%  
 Formula :C<sub>64</sub>H<sub>52</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :811.11 g/mole  
 PL :490 nm (film)  
 TGA :> 250 °C (0.5% weight loss)  
 ΔEST :0.05 eV



### LT-N540 | PxPmBPX

1,4-Bis(9,9-phenoxazin-10-yl-p-phenyl)-2,5-bis(p-tolylmethanoyl)benzene

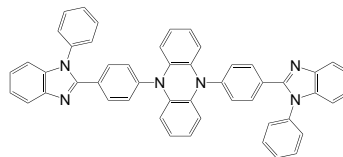
CAS No. :1647121-46-7  
 Grade :Sublimed >99% (NMR)  
 Formula :C<sub>58</sub>H<sub>40</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :828.95 g/mole  
 PL :550 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :> 250 °C (0.5% weight loss)  
 ΔEST :0.02 eV



### LT-N541 | DHPZ-2BI

5,10-Bis(4-(1-phenyl-1H-benzo[d]imidazol-2-yl)phenyl)-5,10-dihydrophenazine

CAS No. :1638702-85-8  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>34</sub>N<sub>6</sub>  
 M.W. :718.85 g/mole  
 UV :428 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :550 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)  
 ΔEST :0.19 eV

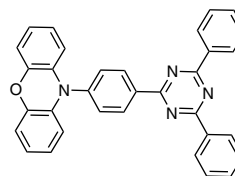


### LT-N542 | PXZ-TRZ

**NEW**

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-10H-phenoxazine

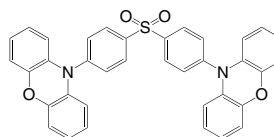
CAS No. :1411910-25-2  
 Grade :Sublimed >99%  
 Formula :C<sub>33</sub>H<sub>22</sub>N<sub>4</sub>O  
 M.W. :490.55 g/mole



### LT-N545 | PXZ-DPS

10,10'-(4,4'-Sulfonylbis(4,1-phenylene))bis(10H-phenoxazine)

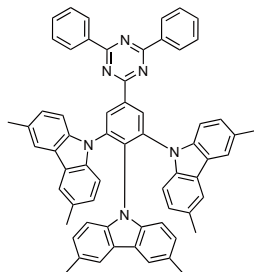
CAS No. :1477511-57-1  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>S  
 M.W. :580.65 g/mole  
 PL :507 nm (in Toluene)  
 TGA :> 220 °C (0.5% weight loss)  
 ΔEST :0.08 eV



### LT-N548 | TmCzTrz

9,9',9''-(5-(4,6-Diphenyl-1,3,5-triazin-2-yl)benzene-1,2,3-triyl)tris(3,6-dimethyl-9H-carbazole)

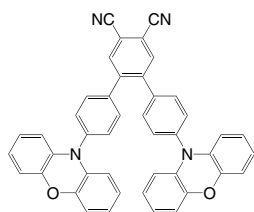
CAS No. :1808158-41-9  
 Grade :Sublimed >99%  
 Formula :C<sub>63</sub>H<sub>48</sub>N<sub>6</sub>  
 M.W. :889.10 g/mole  
 UV :447 nm  
 HOMO :-5.19 eV  
 LUMO :-2.11 eV  
 Triplet Energy:-2.79 eV



### LT-N552 | Px-VPN

4,4''-Di-10H-phenoxazin-10-yl[1,1':2',1''-terphenyl]-4',5'-dicarbonitrile

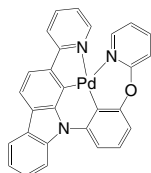
CAS No. :1784766-39-7  
 Grade :Sublimed >99%  
 Formula :C<sub>44</sub>H<sub>26</sub>N<sub>4</sub>O<sub>2</sub>  
 M.W. :624.7 g/mole  
 UV :304, 406 nm (in Toluene)  
 PL :577 nm (in Toluene)  
 HOMO :-5.70 eV  
 LUMO :-3.30 eV  
 Triplet Energy:-2.56 eV



### LT-N554 | PdN3O

2[(2-pyridinyl)-9-[3-(2-pyridinyloxy)phenyl]-9H-carbazole]palladium

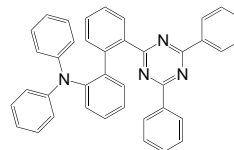
CAS No. :1685288-56-5  
 Formula :C<sub>28</sub>H<sub>17</sub>N<sub>3</sub>OPd  
 M.W. :517.87 g/mole



### LT-N555 | PA-ort-2Ph-TRZ

2'-(4,6-Diphenyl-1,3,5-triazin-2-yl)-N,N-diphenylbiphenyl-2-amine

CAS No. :2234870-53-0  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>28</sub>N<sub>4</sub>  
 M.W. :552.67 g/mole

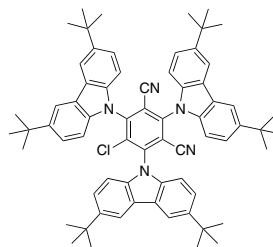


### LT-N557 | t3CzIPN

**NEW**

5-Chloro-2,4,6-tris(3,6-di-tert-butyl-9H-carbazol-9-yl)isophthalonitrile

CAS No. :1469704-64-0  
 Grade :Sublimed >99%  
 Formula :C<sub>68</sub>H<sub>72</sub>ClN<sub>5</sub>  
 M.W. :994.79 g/mole

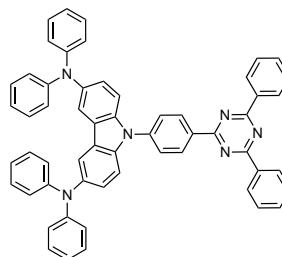


### LT-N556 | DACT-II

**NEW**

9-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-N<sub>3</sub>,N<sub>3</sub>,N<sub>6</sub>,N<sub>6</sub>-tetraphenyl-9H-carbazole-3,6-diamine

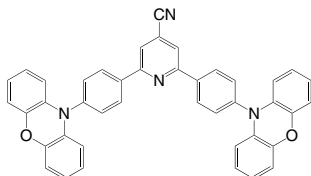
CAS No. :1613074-59-1  
 Grade :Sublimed >99%  
 Formula :C<sub>57</sub>H<sub>40</sub>N<sub>6</sub>  
 M.W. :808.97 g/mole



**LT-N563** | 26PXZINN

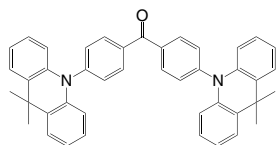
2,6-Bis(4-(10H-phenoxazin-10-yl)phenyl)isonicotinonitrile

CAS No.	:2093368-84-2
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>26</sub> N <sub>4</sub> O <sub>2</sub>
M.W.	:618.68 g/mole
UV	:405 nm (in Toluene)
Emission	:551 nm (in Toluene)
HOMO	:-5.03 eV
LUMO	:-2.29 eV
ΔEST	:0.06 eV

**LT-N565** | DMAC-BP

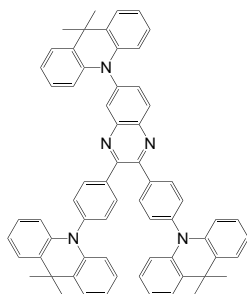
Bis(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)methanone

CAS No.	:1685287-55-1
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>36</sub> N <sub>2</sub> O
M.W.	:596.76 g/mole

**LT-N566** | DBQ-3DMAc

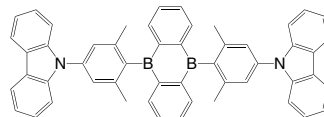
2,3-Bis(4-(9,9-dimethyl-9,10-dihydroacridinyl-10-yl)phenyl)-6-(9,9-dimethyl-9,10-dihydrogenacridine-10-yl)-quinoxaline

CAS No.	:2035390-33-9
Grade	:Sublimed >99%
Formula	:C <sub>65</sub> H <sub>53</sub> N <sub>5</sub>
M.W.	:904.15 g/mole
PL	:536, 548 nm
HOMO	:-5.26 eV
LUMO	:-2.81 eV
ΔEST	:0.04 eV

**LT-N569** | CzDBA

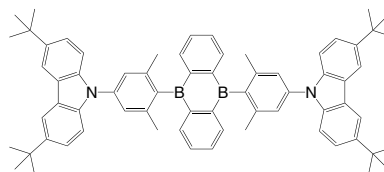
5,10-Bis(4-(9H-carbazol-9-yl)-2,6-dimethylphenyl)-5,10-dihydroboranthrene

CAS No.	:2171334-43-1
Grade	:Sublimed >99%
Formula	:C <sub>52</sub> H <sub>40</sub> B <sub>2</sub> N <sub>2</sub>
M.W.	:714.51 g/mole
UV	:342 nm (in Toluene)
PL	:524 nm (in CBPat77K)
HOMO	:-5.93 eV
LUMO	:-3.45 eV

**LT-N571** | tBuCzDBA

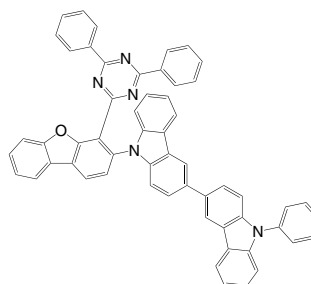
5,10-Bis(4-(3,6-di-tert-butyl-9H-carbazol-9-yl)-2,6-dimethylphenyl)-5,10-dihydroboranthrene

CAS No.	:2171334-46-4
Grade	:Sublimed >99%
Formula	:C <sub>68</sub> H <sub>72</sub> B <sub>2</sub> N <sub>2</sub>
M.W.	:938.93 g/mole
UV	:348 nm (in Toluene)
PL	:553 nm (in CBPfilm)
HOMO	:-5.88 eV
LUMO	:-3.49 eV

**LT-N573** | BCzTrzDBF

9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-dibenzo[b,d]furan-3-yl)-9'-phenyl-9H,9'H-3,3'-bicarbazole

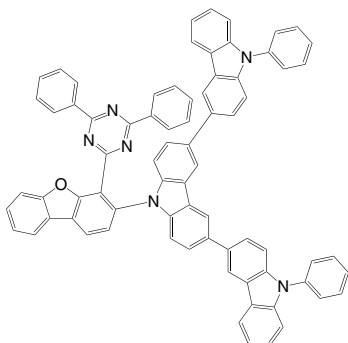
CAS No.	:2351818-36-3
Grade	:Sublimed >99%
Formula	:C <sub>57</sub> H <sub>35</sub> N <sub>5</sub> O
M.W.	:805.92 g/mole
PL	:503 nm
HOMO	:-5.85 eV
LUMO	:-3.34 eV
ΔEST	:0.06 eV



### LT-N574 | TCzTrzDBF

9'-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-dibenzo[b,d]furan-3-yl)-9,9''-diphenyl-9H,9'H,9''H-3,3':6',3''-tercarbazole

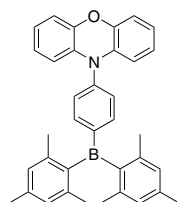
CAS No. :2351848-35-4  
 Grade :Sublimed >99%  
 Formula :C<sub>75</sub>H<sub>46</sub>N<sub>6</sub>O  
 M.W. :1047.21 g/mole  
 PL :511 nm  
 HOMO :-5.87 eV  
 LUMO :-3.43 eV  
 ΔEST :0.01 eV



### LT-N579 | DMB-PXZ

10-(4-(dimesitylboryl)phenyl)-10H-phenoxazine

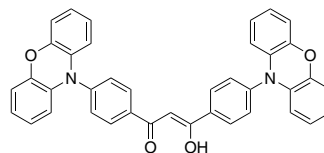
CAS No. :1931882-06-2  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>34</sub>BNO  
 M.W. :507.47 g/mole  
 PL :540 nm (in Toluene)  
 HOMO :-4.95 eV  
 LUMO :-1.65 eV



### LT-N580 | PXZPDO

1,3-Bis(4-(10H-phenoxazin-10-yl)phenyl)-3-hydroxyprop-2-en-1-one

CAS No. :2168560-84-5  
 Grade :Sublimed >99%  
 Formula :C<sub>39</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :586.63 g/mole  
 PL :604 nm (in Toluene)  
 HOMO :-5.13 eV  
 LUMO :-2.70 eV  
 ΔEST :0.04 eV

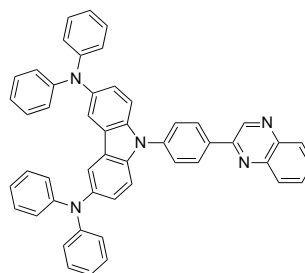


### LT-N581 | DACQ

**NEW**

2-(4-(N,N',N'',N'''-tetraphenyl-3,6-diamino-9-carbazolyl)phenyl)-quinoxaline

CAS No. :1639264-30-4  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>35</sub>N<sub>5</sub>  
 M.W. :705.85 g/mole  
 PL :544 nm (in Toluene)

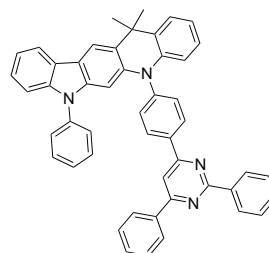


### LT-N582 | 23AcCz-PM

**NEW**

5-(4-(2,6-Diphenylpyrimidin-4-yl)phenyl)-13,13-dimethyl-7-phenyl-7,13-dihydro-5H-indolo[3,2-b]acridine

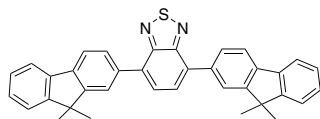
CAS No. :2375608-19-6  
 Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>36</sub>N<sub>4</sub>  
 M.W. :680.84 g/mole  
 PL :520 nm (in Toluene)  
 HOMO :-5.21 eV  
 LUMO :-2.43 eV  
 ΔEST :0.06 eV



## LT-N584 | BTH-DMF

4,7-Bis(9,9-dimethyl-9H-fluoren-2-yl) benzo[c][1,2,5]thiadiazole

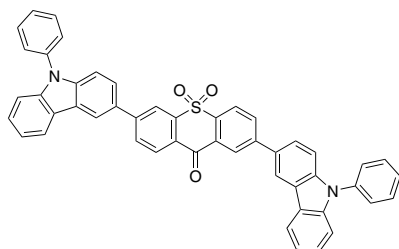
CAS No. :333432-18-1  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>28</sub>N<sub>2</sub>S  
 M.W. :520.69 g/mole  
 PL :519 nm (film)  
 HOMO :-5.83 eV  
 LUMO :-3.32 eV



## LT-N585 | 2,6-TXO-PhCz

2,6-Di(9-phenyl-9H-carbazol-3-yl)-9-H-thioxanthen-9-one-10,10-dioxide

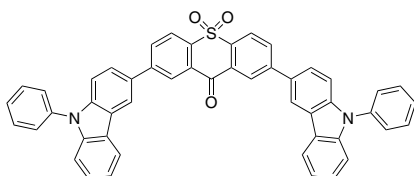
Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>30</sub>N<sub>2</sub>O<sub>3</sub>S  
 M.W. :726.84 g/mole  
 PL :550 nm (film)  
 HOMO :-5.77 eV  
 LUMO :-3.46 eV



## LT-N586 | 2,7-TXO-PhCz

2,7-Di(9-phenyl-9H-carbazol-3-yl)-9H-thioxanthen-9-one-10,10-dioxide

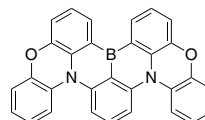
Grade :Sublimed >99%  
 Formula :C<sub>49</sub>H<sub>30</sub>N<sub>2</sub>O<sub>3</sub>S  
 M.W. :726.84 g/mole  
 PL :550 nm (film)  
 HOMO :-5.78 eV  
 LUMO :-3.49 eV



## LT-N588 | PXZ-BN

[1,4]Benzoxazino[4'',3'',2'';1',8'] [1,4] benzazaborino[4',3',2':4,5] [1,4] benzazaborino[3,2,1-k]phenoxazine

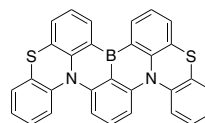
CAS No. :2250280-10-3  
 Grade :>98%  
 Formula :C<sub>30</sub>H<sub>17</sub>BN<sub>2</sub>O<sub>2</sub>  
 M.W. :448.28 g/mole  
 PL :502 nm (in 2-MeTHF)  
 ΔEST :0.17 eV



## LT-N590 | 2PTZBN

[1,4]Benzothiazino[4'',3'',2'';1',8'] [1,4]benzazaborino[4',3',2':4,5] [1,4]benzazaborino[3,2,1-k]phenothiazine

CAS No. :2250280-17-0  
 Grade :Sublimed >98%  
 Formula :C<sub>30</sub>H<sub>17</sub>BN<sub>2</sub>S<sub>2</sub>  
 M.W. :480.41 g/mole  
 UV :471 nm (in Toluene)  
 PL :510 nm (in Toluene)  
 HOMO :-5.19 eV  
 LUMO :-2.73 eV  
 ΔEST :0.15 eV

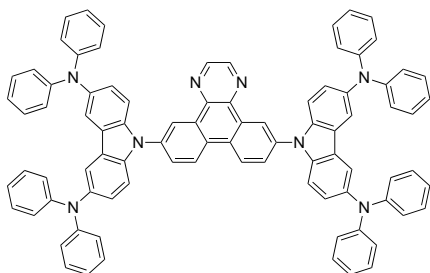




## LT-N593 | DQBC

9,9'-(Dibenzo[f,h]quinoxaline-6,11-diyl)bis(N<sub>3</sub>,N<sub>3</sub>,N<sub>6</sub>,N<sub>6</sub>-tetraphenyl-9H-carbazole-3,6-diamine)

Grade	: >98%
Formula	: C <sub>88</sub> H <sub>60</sub> N <sub>8</sub>
M.W.	: 1229.47 g/mole
PL	: 551 nm (in Toluene)
HOMO	: -5.07 eV
LUMO	: -2.68 eV
ΔEST	: 0.06 eV

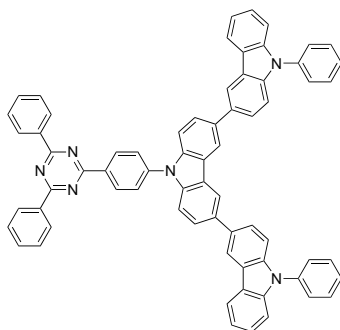


## LT-N597 | TCzTrz

NEW

9'-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-9,9''-diphenyl-9H,9'H,9''H-3,3':6',3'''-tercarbazole

CAS No.	: 1361093-94-8
Grade	: Sublimed >99%
Formula	: C <sub>69</sub> H <sub>44</sub> N <sub>6</sub>
M.W.	: 957.13 g/mole
UV	: 273/385 nm
PL	: 523 nm (in THF)
HOMO	: -5.75 eV
LUMO	: -3.41 eV
ΔEST	: 0.01 eV

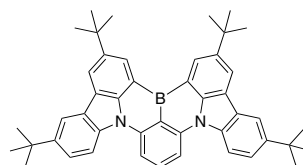


## LT-N5004 | DtBuCzB

NEW

2,6-Bis(3,6-di-tert-butyl-9H-carbazol-9-yl)boron

CAS No.	: 2170487-30-4
Grade	: Sublimed >98%
Formula	: C <sub>46</sub> H <sub>49</sub> BN <sub>2</sub>
M.W.	: 640.71 g/mole
UV	: 467 nm
PL	: 481 nm
HOMO	: -5.4 eV
LUMO	: -2.85 eV
Solvent	: in Toluene
ΔEST	: 0.13 eV

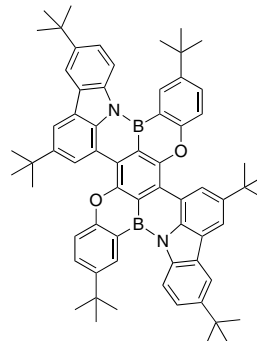


## LT-N5008 | P[B-N]O

NEW

Bis(2,5-(4-(tert-butyl)phenoxy)bis(3,6-di-tert-butyl-9Hcarbazole)-1,4-diboron

CAS No.	: 2933243-26-4
Grade	: Sublimed >98%
Formula	: C <sub>66</sub> H <sub>70</sub> B <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
M.W.	: 944.9 g/mole
UV	: 375 / 451 nm (in Toluene)
PL	: 488 nm (in Toluene)
HOMO	: -5.47 eV
LUMO	: -2.94 eV
ΔEST	: 0.43 eV



**LT-N5009** | **BNCzPTZ** **NEW**

1,3-[(3,6-Di-tert-butyl-9H-carbazol-9-yl)-10H-phenothiazine] boron

CAS No. : 2770868-93-2

Grade : &gt;98%

Formula :  $C_{38}H_{33}BN_2S$ 

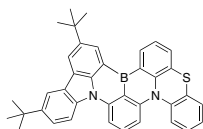
M.W. : 560.56 g/mole

UV : 470 nm (in Toluene)

PL : 509 nm (in Toluene)

HOMO : -5.36 eV

LUMO : -2.81 eV

 $\Delta$ EST : 0.09 eV**LT-N5011** | **3TPA-DiKTa** **NEW**

3,7,11-Tris(4-(diphenylamino)phenyl)quinolino[3,2,1-de]acridine-5,9-dione

Grade : &gt;98%

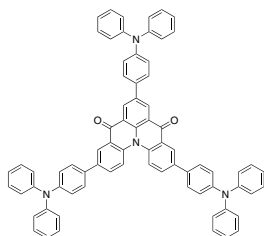
Formula :  $C_{74}H_{50}N_4O_2$ 

M.W. : 1027.21 g/mole

PL : 551 nm (film)

HOMO : -5.27 eV

LUMO : -2.98 eV

 $\Delta$ EST : 0.13 eV**LT-N5014** | **3ACR-TRZ** **NEW**

2,4,6-Tris(4-(9,9-dimethylacridin-10-yl)phenyl)-1,3,5-triazine

CAS No. : 1628753-83-2

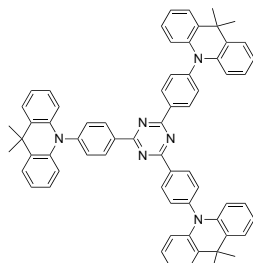
Grade : Sublimed &gt;99%

Formula :  $C_{66}H_{54}N_6$ 

M.W. : 931.18 g/mole

UV : 391 nm (in Toluene)

PL : 511 nm (in Toluene)

**LT-N5015** | **4CzTPNBu** **NEW**

2,3,5,6-Tetrakis(3,6-di-tert-butyl-9H-fluoren-9-yl) terephthalonitrile

CAS No. : 2153433-46-4

Grade : &gt;99%

Formula :  $C_{92}H_{100}N_2$ 

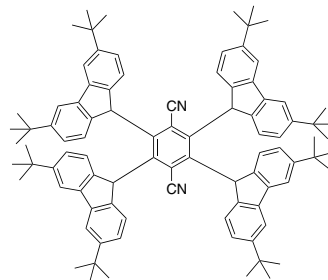
M.W. : 1233.79 g/mole

UV : 282 nm (in Toluene)

PL : 565 nm (in Toluene)

HOMO : -5.5 eV

LUMO : -3.3 eV

**LT-N5017** | **tBuPAD** **NEW** $N_9,N_9,N_{10},N_{10}$ -Tetrakis(4-(tert-butyl)phenyl)anthracene-9,10-diamine

CAS No. : 756899-60-2

Grade : Sublimed &gt;99%

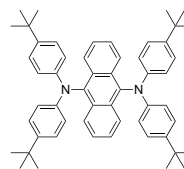
Formula :  $C_{54}H_{60}N_2$ 

M.W. : 737.07 g/mole

UV : 526 nm (in Toluene)

HOMO : -5 eV

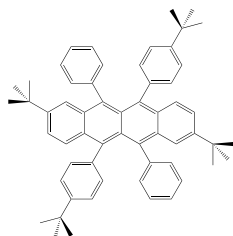
LUMO : -2.58 eV



## LT-N732 | TBRb

2,8-Di-tert-butyl-5,11-bis(4-tert-butylphenyl)-6,12-diphenyltetracene

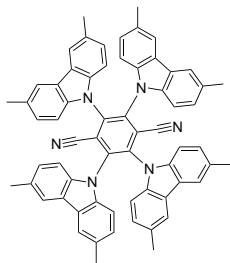
CAS No.	:682806-51-5
Grade	:Sublimed >99%
Formula	:C <sub>58</sub> H <sub>60</sub>
M.W.	:757.1 g/mole
UV	:306 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:571 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>310 °C (0.5% weight loss)



## LT-N763 | 4CzTPN-Me

2,3,5,6-tetrakis(3,6-dimethyl-9H-carbazol-9-yl)terephthalonitrile

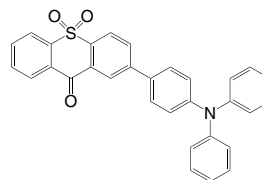
CAS No.	:1416881-54-3
Grade	:Sublimed >98%
Formula	:C <sub>64</sub> H <sub>48</sub> N <sub>5</sub>
M.W.	:901.11 g/mole
UV	:498 nm (in Toluene)
PL	:561 nm (in Toluene)
HOMO	:-5.69 eV
LUMO	:-2.9 eV

**NEW**

## LT-N775 | TXO-TPA

2-[4-(Diphenylamino)phenyl]-10,10-dioxide-9H-thioxanthen-9-one

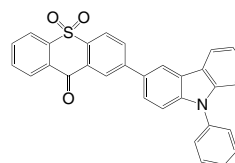
CAS No.	:1623010-63-8
Grade	:Sublimed >99%
Formula	:C <sub>31</sub> H <sub>21</sub> NO <sub>3</sub> S
M.W.	:487.57 g/mole
UV	:299/353/415nm (in Toluene)
PL	:625 nm (film)
TGA	:>250 °C (0.5% weight loss)
HOMO	:-5.40 eV
LUMO	:-3.50 eV
ΔEST	:0.052 eV



## LT-N776 | TXO-PhCz

2-(9-Phenyl-9H-carbazol-3-yl)-10,10-dioxide-9H-thioxanthen-9-one

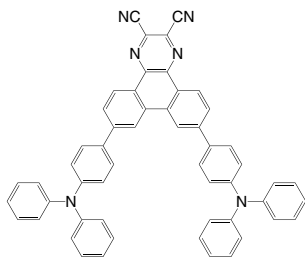
CAS No.	:1623010-64-9
Grade	:Sublimed >99%
Formula	:C <sub>31</sub> H <sub>19</sub> NO <sub>3</sub> S
M.W.	:487.55 g/mole
UV	:415 nm (in Toluene)
PL	:570 nm (film)
TGA	:>250 °C (0.5% weight loss)
ΔEST	:0.073 eV



## LT-N782 | TPA-DCPP

7,10-Bis(4-(diphenylamino)phenyl)-2,3-dicyanopyrazino-phenanthrene

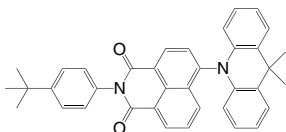
CAS No.	:1803287-94-6
Grade	:Sublimed >99%
Formula	:C <sub>54</sub> H <sub>34</sub> N <sub>6</sub>
M.W.	:766.89 g/mole
UV	:308, 458 nm (film)
PL	:810 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
HOMO	:-5.3 eV
LUMO	:-3.52 eV



## LT-N797 | NAI-DMAC

N-(4-Tert-butylphenyl)-1,8-naphthalimide-9,9-dimethyl-9,10-dihydroacridine

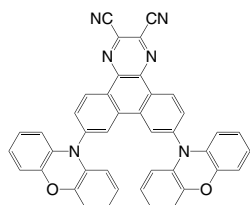
CAS No.	:2196247-08-0
Grade	:Sublimed >99%
Formula	:C <sub>37</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub>
M.W.	:536.66 g/mole
UV	:353, 460 nm (in Toluene)
PL	:582 nm (in Toluene)
HOMO	:-5.41 eV
LUMO	:-2.99 eV
ΔEST	:0.09 eV



## LT-N798 | PXZ-DCPP

7,10-Bis(phenoxazine)-2,3-dicyanopyrazino phenanthrene

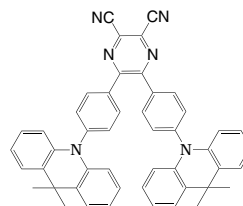
CAS No.	:1803288-00-7
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>22</sub> N <sub>6</sub> O <sub>2</sub>
M.W.	:642.66 g/mole
UV	:323, 372 nm (in Toluene)
PL	:564 nm (film)
HOMO	:-5.19 eV
LUMO	:-3.52 eV



## LT-N793 | Ac-CNP

5,6-Bis(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyrazine-2,3-dicarbonitrile

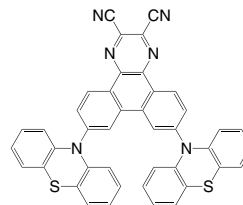
CAS No.	:1883400-34-7
Grade	:Sublimed >99%
Formula	:C <sub>48</sub> H <sub>36</sub> N <sub>6</sub>
M.W.	:696.84 g/mole
UV	:282, 436 nm (in Toluene)
PL	:570 nm (film)
HOMO	:-5.4 eV
LUMO	:-3.1 eV



## LT-N799 | PTZ-DCPP

7,10-Bis(phenothiazine)-2,3-dicyanopyrazino phenanthrene

CAS No.	:1803288-01-8
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>22</sub> N <sub>6</sub> S <sub>2</sub>
M.W.	:674.79 g/mole
UV	:369, 436 nm (in Toluene)
PL	:580 nm (film)
HOMO	:-5.08 eV
LUMO	:-3.48 eV

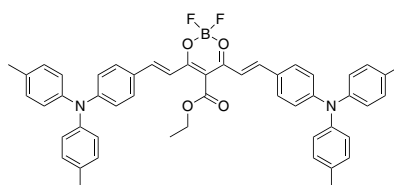


## LT-N901 | TPAM-BF2

**NEW**

4,6-Bis((E)-4-(di-p-tolylamino)styryl)-5-(ethoxycarbonyl)-2,2-difluoro-2H-1,3,2-dioxaborinin-1-ium-2-uide

Grade	:>98%
Formula	:C <sub>50</sub> H <sub>45</sub> BF <sub>2</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	:786.71 g/mole
UV	:621 nm (ACN)
PL	:823 nm (ACN)
HOMO	:-5.4 eV
LUMO	:-3.7 eV



## Red Dopant

### LT-N7003 | BF2

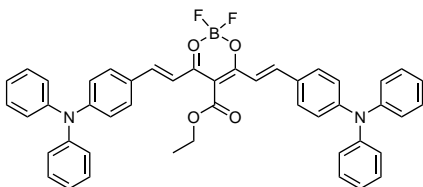
4,6-Bis((E)-4-(diphenylamino)styryl)-5-(ethoxycarbonyl)-2,2-difluoro-2H-1,3,2-dioxaborinin-1-ium-2-uide

CAS No. :2243376-97-6

Grade :> 99%

Formula :C<sub>46</sub>H<sub>37</sub>BF<sub>2</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :730.6 g/mole



### LT-N7004 | APDC-DTPA

3,4-Bis(4-(diphenylamino)phenyl) acenaphtho[1,2-b]pyrazine-8,9-dicarbonitrile

CAS No. :2102527-13-7

Grade :Sublimed >98%

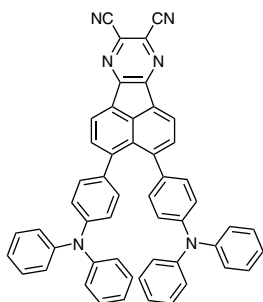
Formula :C<sub>52</sub>H<sub>32</sub>N<sub>6</sub>

M.W. :740.85 g/mole

PL :693nm (device)

HOMO :-5.27 eV

LUMO :-3.45 eV



### LT-N7010 | oDTBPZ-DPXZ

10,10'-(1,12-Di-o-tolyldibenzo[a,c]phenazine-3,6-diyl) bis(10H-phenoxazine)

CAS No. :2630930-25-3

Grade :Sublimed >99%

Formula :C<sub>58</sub>H<sub>38</sub>N<sub>4</sub>O<sub>2</sub>

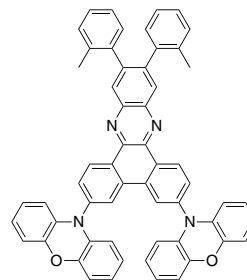
M.W. :822.95 g/mole

PL :622 nm (in Toluene)

HOMO :-5.37 eV

LUMO :-3.28 eV

ΔEST :0.04 eV



### LT-N7012 | NAI-DPAC

**NEW**

2-(4-(tert-butyl)phenyl)-6-(9,9-diphenylacridin-10(9H)-yl)-1H-benzo[de]isoquinoline-1,3(2H)-dione

CAS No. :2172856-64-1

Grade :>99%

Formula :C<sub>47</sub>H<sub>36</sub>N<sub>2</sub>O<sub>2</sub>

UV :352/450 nm (in Toluene)

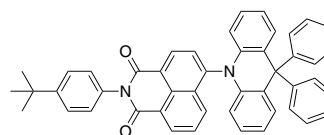
PL :570 nm (in Toluene)

M.W. :660.8 g/mole

HOMO :-5.52 eV

LUMO :-3.05 eV

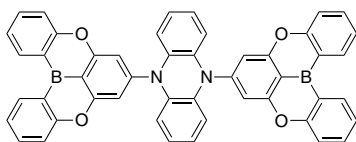
ΔEST :0.17 eV



**LT-N7013** | **PzDBA**

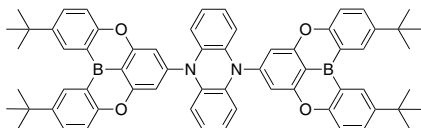
5,10-Di(5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-5,10-dihydrophenazine

CAS No. :2637390-89-5  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>28</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :718.37 g/mole  
 PL :610 nm (in Toluene)  
 HOMO :-4.98 eV  
 LUMO :-2.80 eV  
 ΔEST :0.05 eV

**LT-N7014** | **PzTDBA**

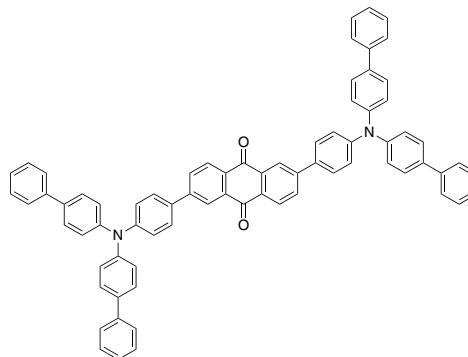
5,10-Bis(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-5,10-dihydrophenazine

CAS No. :2637390-90-8  
 Grade :Sublimed >99%  
 Formula :C<sub>64</sub>H<sub>60</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :942.79 g/mole  
 PL :599 nm (in Toluene)  
 HOMO :-4.94 eV  
 LUMO :-2.71 eV  
 ΔEST :0.06 eV

**LT-N7015** | **BBPA-Ph-AQ****NEW**

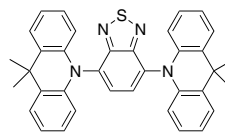
2,6-Bis(4-[bis(biphenyl-4-yl)amino]phenyl)anthraquinone

CAS No. :1640978-34-2  
 Grade :Sublimed >99%  
 Formula :C<sub>74</sub>H<sub>50</sub>N<sub>2</sub>O<sub>2</sub>  
 UV :456 nm (in Toluene)  
 PL :608 nm (in Toluene)  
 M.W. :999.2 g/mole  
 HOMO :-5.7 eV  
 LUMO :-3.4 eV  
 ΔEST :0.22 eV

**LT-N7016** | **BTZ-DMAC****NEW**

4,7-Bis(9,9-dimethylacridin-10(9H)yl)benzo[c][1,2,5]thiadiazole

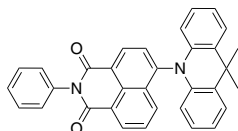
CAS No. :2092920-32-4  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>30</sub>N<sub>4</sub>S  
 M.W. :550.72 g/mole  
 UV :482 nm (in Toluene)  
 PL :638 nm (in Toluene)  
 HOMO :-5.41 eV  
 LUMO :-3.18 eV  
 ΔEST :0.11 eV



### LT-N7017 | 6AcBIQ NEW

6-(9,9-Dimethylacrididin-10(9H)-yl)-2-phenyl-1H-benzo[de]isoquinoline-1,3(2H)-dione

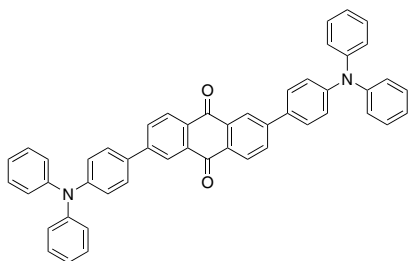
CAS No. :2124222-77-9  
 Grade :>98%  
 Formula :C<sub>33</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :480.56 g/mole  
 HOMO :-5.89 eV  
 LUMO :-3.89 eV  
 ΔEST :0.08 eV



### LT-N7019 | DPA-Ph-AQ NEW

2,6-Bis(4-(diphenylamino)phenyl)anthracene-9,10-dione

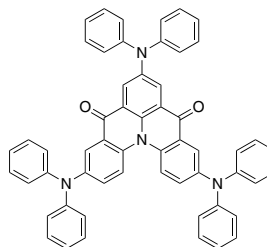
CAS No. :1640978-33-1  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>34</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :694.82 g/mole  
 UV :454 nm (in Toluene)  
 PL :597 nm (in Toluene)  
 HOMO :-5.9 eV  
 LUMO :-3.6 eV  
 ΔEST :0.24 eV



### LT-N7028 | 3DPA-DiKTA NEW

3,7,11-Tris(diphenylamino)quinolino[3,2,1-de]acridine-5,9-dione

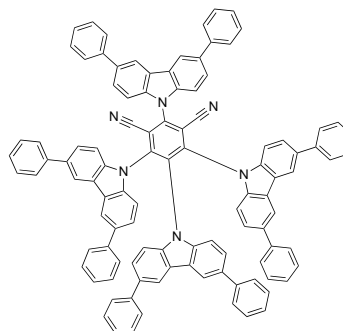
Grade :>98%  
 Formula :C<sub>56</sub>H<sub>38</sub>N<sub>4</sub>O<sub>2</sub>  
 M.W. :798.93 g/mole  
 PL :617 nm (film)  
 HOMO :-5.13 eV  
 LUMO :-3.01 eV  
 ΔEST :0.2 eV



### LT-N7030 | 4CzIPN-Ph NEW

2,4,5,6-Tetrakis(3,6-diphenylcarbazol-9-yl)-1,3-dicyanobenzene

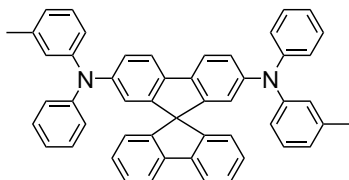
CAS No. :1469705-37-0  
 Grade :Sublimed >98%  
 Formula :C<sub>104</sub>H<sub>64</sub>N<sub>6</sub>  
 M.W. :1397.66 g/mole



### LT-E105 | Spiro-TPD

N,N'-Bis (3-methyl phenyl )-N,N'-bis (phenyl )-2,7-diamino-9,9-spirobifluorene

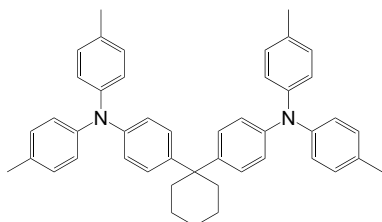
CAS No. :1033035-83-4  
 Grade :Sublimed >99%  
 Formula :C<sub>51</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :678.86 g/mole  
 UV :379 nm (in THF)  
 PL :416 nm (in THF)  
 TGA :>280 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N137 | TAPC

Di-[4-(N,N-di-p-to ly l-amino)-phenyl ]cyclohexane

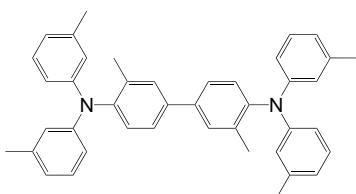
CAS No. :58473-78-2  
 Grade :Sublimed >99.5%  
 Formula :C<sub>46</sub>H<sub>46</sub>N<sub>2</sub>  
 M.W. :626.87 g/mole  
 UV :305 nm (in THF)  
 PL :414 nm (in THF)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N140 | HMTPD

N,N,N',N'-Tetra- (3-methyl phenyl )-3,3'-dimethyl benzidine

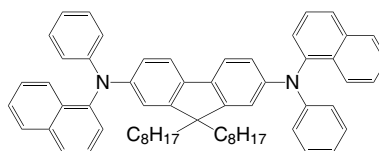
CAS No. :105465-14-3  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>40</sub>N<sub>2</sub>  
 M.W. :572.78 g/mole  
 UV :302 nm (in THF)  
 PL :399 nm (in THF)  
 TGA :>240 °C (0.5% weight loss)



### LT-N154 | DOF I-NPB

N<sub>2</sub>,N<sub>7</sub>-Di (naphthalen-1-yl )-9,9-dioctyl I-N<sub>2</sub>,N<sub>7</sub>-diphenyl I-9H-fluorene-2,7-diamine

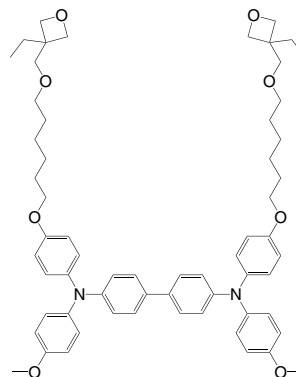
CAS No. :870197-09-4  
 Grade :>99%  
 Formula :C<sub>61</sub>H<sub>64</sub>N<sub>2</sub>  
 M.W. :825.17 g/mole  
 UV :382 nm (in THF)  
 PL :460 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N160 | QUPD

N<sub>2</sub>,N<sub>4</sub>'-Bis (4- (6- ( (3-ethoxyloxtan-3-yl)methoxy)hexyloxy)phenyl )-N<sub>4</sub>,N<sub>4</sub>'-bis (4-methoxyphenyl )biphenyl I-4,4'-diamine

CAS No. :864130-79-0  
 Grade :>99%  
 Formula :C<sub>62</sub>H<sub>76</sub>N<sub>2</sub>O<sub>8</sub>  
 M.W. :945.28 g/mole  
 UV :353 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :439 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Toluene, Chloroform

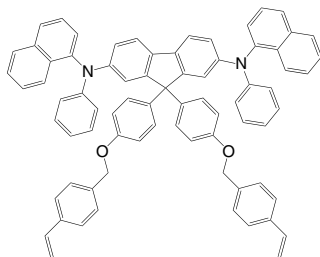




### LT-N164 | VB-FNPD

9,9-Bis[4-(4-etheny lpheny l)methoxy]pheny l]-N,N',N',di-1-naphtha leny l-N,N',N',dipheny l-9H-F luorene-2,7-diamine

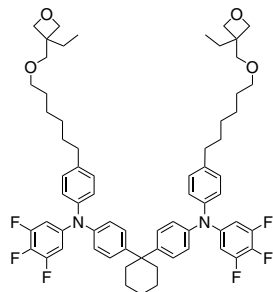
CAS No. :1173170-48-3  
 Grade :>95%  
 Formula :C<sub>75</sub>H<sub>56</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :1017.26 g/mole  
 UV :354, 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :489 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Toluene, Chloroform



### LT-N165 | X-F6-TAPC

N,N'-(4,4'-(Cyc lohexane-1,1-diy l)bis (4,1-pheny lene))bis (N-(4-(6-(2-ethy loxetan-2-y loxy)hexy l)pheny l)-3,4,5-trifluoroani line)

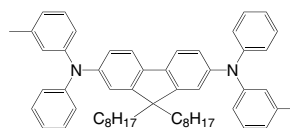
CAS No. :1422952-06-4  
 Grade :>99%  
 Formula :C<sub>64</sub>H<sub>72</sub>F<sub>6</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :1239.36 g/mole  
 UV :300 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Toluene, Chloroform



### LT-N155 | DOF I-TPD

N,N'-Bis (3-methy lpheny l)-N,N'-bis (pheny l)-9,9-diocty l f luorene

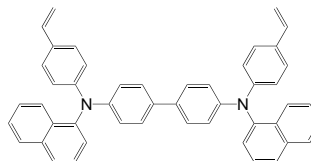
CAS No. :439942-97-9  
 Grade :>99%  
 Formula :C<sub>55</sub>H<sub>64</sub>N<sub>2</sub>  
 M.W. :753.11 g/mole  
 UV :376 nm (in THF)  
 PL :401 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N157 | VNPB

N,N',N',-Di (naphtha len-1-y l)-N,N',N',bis (4-viny lpheny l) bipheny l-4,4'-diamine

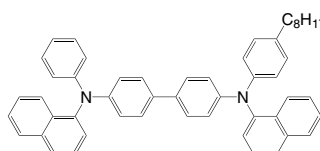
CAS No. :1010396-31-2  
 Grade :>98%  
 Formula :C<sub>48</sub>H<sub>36</sub>N<sub>2</sub>  
 M.W. :640.81 g/mole  
 UV :359 nm (in THF)  
 PL :450 nm (in THF)  
 Solvent :Toluene, Chloroform



### LT-N158 | ONPB

N,N',N',-Di (naphtha len-1-y l)-N,N',N',bis (4-octy lpheny l)-N,N',N',pheny l bipheny l-4,4'-diamine

CAS No. :1431521-16-2  
 Grade :>99%  
 Formula :C<sub>52</sub>H<sub>48</sub>N<sub>2</sub>  
 M.W. :700.95 g/mole  
 UV :347 nm (film)  
 PL :439 nm (film)  
 TGA :>300 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

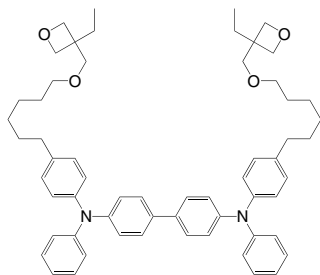


## Hole Transport Layer (HTL) / Hole Injection Layer (HIL)

### LT-N159 | OTPD

$N,N_4,N_4'$ -Bis (4- (6- (3-ethoxyloxtan-3-y l)methoxy)hexy l)pheny l)- $N_4,N_4'$ -dipheny lbipheny l-4,4'-diamine

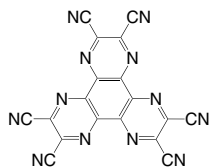
CAS No. :746634-00-4  
 Grade :>99%  
 Formula : $C_{60}H_{72}N_2O_4$   
 M.W. :885.22 g/mole  
 UV :308, 353 nm (in  $CH_2Cl_2$ )  
 PL :410 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



### LT-N221 | HAT-CN

Dipyrazino[2,3-f :2',3'-h ]quinoxala line-2,3,6,7,10,11-hexacarbonitri le

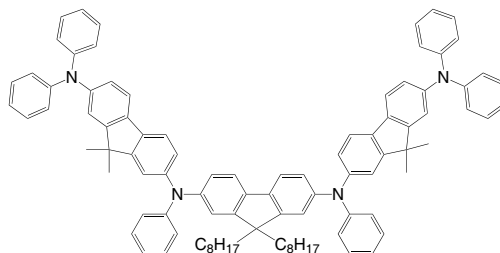
CAS No. :105598-27-4  
 Grade :Sublimed >99%  
 Formula : $C_{18}N_{12}$   
 M.W. :384.27 g/mole  
 UV :282, 321 nm (in  $CH_2Cl_2$ )  
 PL :422 nm (in  $CH_2Cl_2$ )  
 TGA :>400 °C (0.5% weight loss)  
 Solvent :2-Propanone



### LT-N260 | 3FTPD-C8

$N_2,N_2'$ - (9,9-Diocty l-9H-f luorene-2,7-diy l)bis l- $N_2,N_7,N_7'$ -tripheny l-9H-f luorene-2,7-diamine

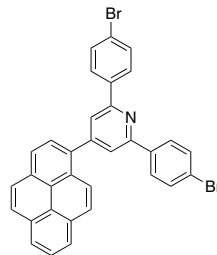
Grade :>97%  
 Formula : $C_{95}H_{94}N_4$   
 M.W. :1291.79 g/mole  
 UV :378 nm (in  $CH_2Cl_2$ )  
 PL :426 nm (in  $CH_2Cl_2$ )  
 Solvent :Toluene, Chloroform



### LT-N1009 | Py-Br

2,6-Bis (4-bromopheny l)-4- (pyren-1-y l)-pyridine

CAS No. :2628354-08-3  
 Grade :Sublimed >99%  
 Formula : $C_{33}H_{19}Br_2N$   
 M.W. :589.32 g/mole  
 UV :242, 280, 344 nm (in DCM)  
 PL :412 nm (in DCM)  
 HOMO :-5.65 eV  
 LUMO :-2.39 eV

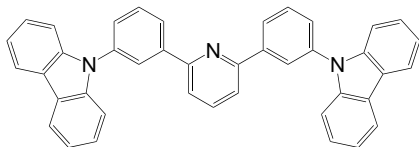


## Phosphorescent Host

### LT-N491 | 26DCzPPy

2,6-Bis(3-(9H-carbazol-9-yl)phenyl)pyridine

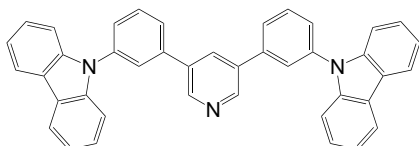
CAS No. :1013405-24-7  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :561.67 g/mole  
 UV :239, 292 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :410 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N494 | 35DCzPPy

3,5-Bis(3-(9H-carbazol-9-yl)phenyl)pyridine

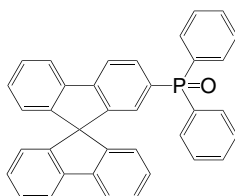
CAS No. :1013405-25-8  
 Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :561.67 g/mole  
 UV :307, 317 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :347 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N496 | SPPO1

9,9-Spirofluoren-2-yl-diphenyl-phosphine oxide

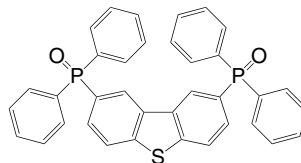
CAS No. :1125547-88-7  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>25</sub>OP  
 M.W. :516.57 g/mole  
 UV :307, 317 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :346 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4006 | PPT

2,8-Bis(diphenylphosphoryl)dibenzo[b,d]thiophene

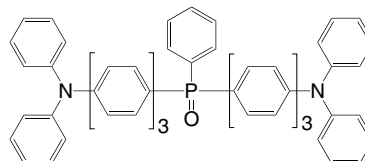
CAS No. :1019842-99-9  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>26</sub>O<sub>2</sub>P<sub>2</sub>S  
 M.W. :584.60 g/mole  
 UV :315, 328 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :351 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4035 | NP3PPO

4'',4'''-(Phenylphosphoryl)bis(N-1-naphthyl-N-phenyl-1,1':4',1''-terphenyl-4-amine)

CAS No. :1415633-86-1  
 Grade :>98%  
 Formula :C<sub>74</sub>H<sub>53</sub>N<sub>2</sub>OP  
 M.W. :1017.20 g/mole  
 UV :349 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :466 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>320 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

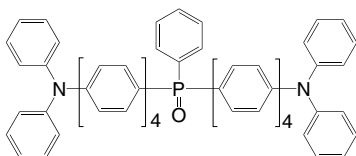


## Phosphorescent Host

### LT-N4036 | NP4PPO

4''',4''''-(Phenylphosphoryl)bis(N -1-naphthyl-N -phenyl-1,1':4',1'':4'',1''''-quaterphenyl-4-amine)

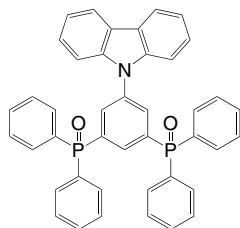
CAS No. :1415633-87-2  
 Grade :>98%  
 Formula :C<sub>86</sub>H<sub>61</sub>N<sub>2</sub>OP  
 M.W. :1169.39 g/mole  
 UV :347 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :471 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>450 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4039 | CzPO2

9-(3,5-Bis(diphenylphosphoryl)phenyl)-9H -carbazole

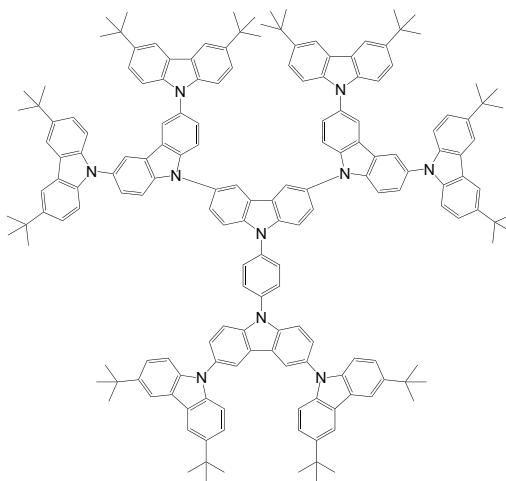
CAS No. :1256573-07-5  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>31</sub>NO<sub>2</sub>P<sub>2</sub>  
 M.W. :643.65 g/mole  
 UV :291 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :426 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>270 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4041 | G3-tCzB

6-(3',6'-Di-tert-butyl-6-(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazol-9-yl)-9-(4-(3',6'-di-tert-butyl-6-(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazol-9-yl)phenyl)-3',6'-bis(3,6-di-tert-butyl-9H-carbazol-9-yl)-9H-3,9'-bicarbazole

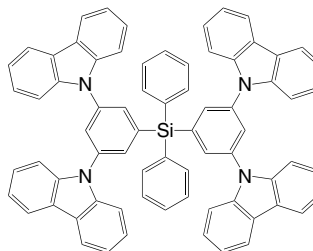
CAS No. :1025079-68-8  
 Grade :>98%  
 Formula :C<sub>174</sub>H<sub>172</sub>N<sub>10</sub>  
 M.W. :2403.29 g/mole  
 UV :244, 349 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :402 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Toluene, Chloroform



### LT-N4009 | SiMCP2

Bis[3,5-di(9H -carbazol-9-yl)phenyl]diphenylsilane

CAS No. :944465-42-3  
 Grade :Sublimed >99%  
 Formula :C<sub>72</sub>H<sub>48</sub>N<sub>4</sub>Si  
 M.W. :977.26 g/mole  
 UV :324, 338 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :362 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>380 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

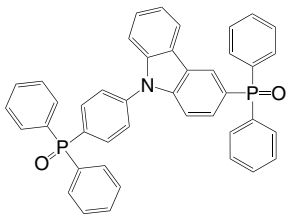


## Phosphorescent Host

### LT-N4011 | PPO21

3-(Diphenylphosphoryl)-9-(4-(diphenylphosphoryl)phenyl)-9H-carbazole

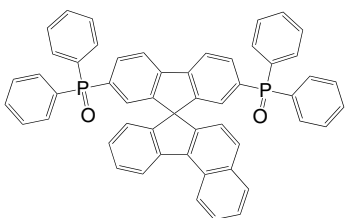
CAS No.	:1226860-68-9
Grade	:Sublimed >99%
Formula	: $C_{42}H_{31}NO_2P_2$
M.W.	:643.65 g/mole
UV	:294, 338 nm (in $CH_2Cl_2$ )
PL	:361 nm (in THF)
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N4029 | SPPO21

2,7-Bis(diphenylphosphoryl)spiro[fluorene-7,11'-benzofluorene]

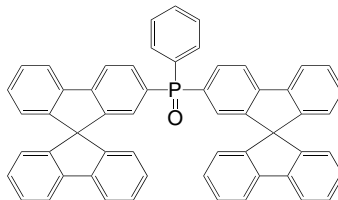
CAS No.	:1270960-64-9
Grade	:Sublimed >99%
Formula	: $C_{53}H_{36}O_2P_2$
M.W.	:766.8 g/mole
UV	:287 nm (in $CH_2Cl_2$ )
PL	:419 nm (in $CH_2Cl_2$ )
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N4034 | Dspiro-PO

Di(9,9-spirobifluorene-2-yl)-phenyl-phosphine oxide

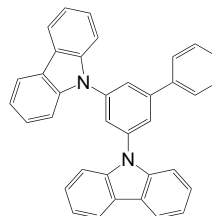
CAS No.	:824426-27-9
Grade	:Sublimed >99%
Formula	: $C_{56}H_{35}OP$
M.W.	:754.85 g/mole
UV	:275 nm (film)
PL	:365 nm (film)
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N4042 | Ph-MCP

3,5-Di(9H-carbazol-9-yl)biphenyl

CAS No.	:750573-28-5
Grade	:Sublimed >99%
Formula	: $C_{36}H_{24}N_2$
M.W.	:484.59 g/mole
UV	:241, 292 nm (in $CH_2Cl_2$ )
PL	:363 nm (in $CH_2Cl_2$ )
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

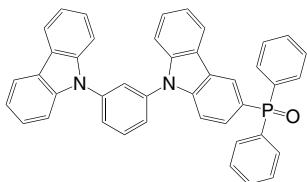


## Phosphorescent Host

### LT-N4047 | mCPPO1

9-(3-(9H -Carbazol-9-yl)phenyl)-3-(diphenylphosphoryl)-9H-carbazole

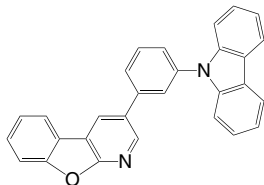
CAS No.	:1296229-26-9
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>29</sub> N <sub>2</sub> O <sub>P</sub>
M.W.	:608.67 g/mole
UV	:324, 338 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:361 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N4057 | PCz-BFP

3-(3-(9H -Carbazol-9-yl)phenyl)benzofuro[2,3-b]pyridine

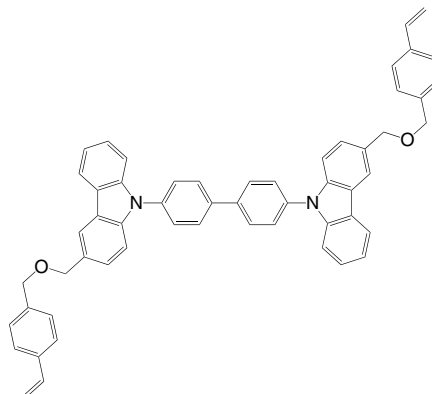
CAS No.	:1424369-36-7
Grade	:Sublimed >99%
Formula	:C <sub>29</sub> H <sub>18</sub> N <sub>2</sub> O
M.W.	:410.47 g/mole
UV	:241, 293 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:364 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>270 °C (0.5% weight loss)
Solvent	:1,2-dichloroethane, CHCl <sub>3</sub>



### LT-N4063 | DV-CBP

9,9'-[1,1'-Biphenyl]-4,4'-diylbis[3-[[[(4-ethenylphenyl)methoxy]methyl]-9H-carbazole]

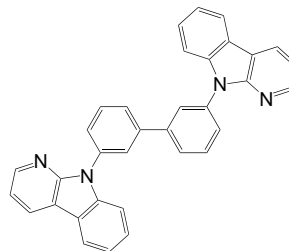
CAS No.	:1428901-78-3
Grade	:>99%
Formula	:C <sub>56</sub> H <sub>44</sub> N <sub>2</sub> O <sub>2</sub>
M.W.	:776.96 g/mole
UV	:246, 295 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:381 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:1,2-dichloroethane, CHCl <sub>3</sub>



### LT-N4092 | CbBPCb

3,3'-Di(9H-pyrido[2,3-b]-indol-9-yl)biphenyl

CAS No.	:1469997-91-8
Grade	:Sublimed >99%
Formula	:C <sub>34</sub> H <sub>22</sub> N <sub>4</sub>
M.W.	:486.57 g/mole
UV	:240, 297 nm (in THF)
PL	:382 nm (in THF)

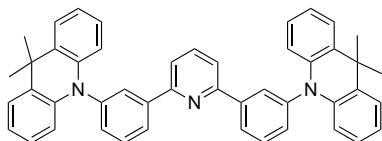


## Phosphorescent Host

## LT-N4208 | DDMACPy

2,6-Bis(3-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyridine

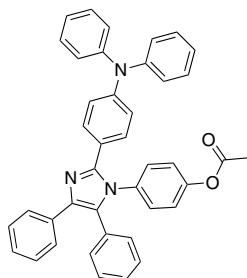
CAS No. :2924013-34-1  
 Grade :Sublimed >99%  
 Formula :C<sub>47</sub>H<sub>39</sub>N<sub>3</sub>  
 M.W. :645.31 g/mole  
 PL :429 nm (film)  
 HOMO :-5.50 eV  
 LUMO :-2.95 eV



## LT-N4209 | DT318

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

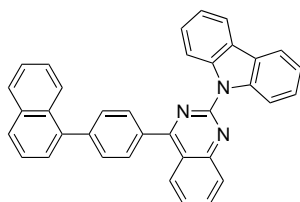
Grade :Sublimed >99%  
 Formula :C<sub>41</sub>H<sub>31</sub>N<sub>3</sub>O<sub>2</sub>  
 M.W. :597.70 g/mole  
 PL :415 nm (film)  
 HOMO :-5.14 eV  
 LUMO :-1.32 eV



## LT-N4211 | NP-QC

9-(4-(4-(Naphthalen-1-yl)phenyl)quinazolin-2-yl)-9H-carbazole

Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>23</sub>N<sub>3</sub>  
 M.W. :497.59 g/mole  
 HOMO :-5.6 eV  
 LUMO :-2.6 eV

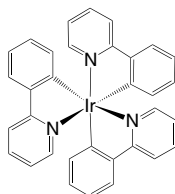


## Phosphorescent Dopant

### LT-E504 | fac-Ir(ppy)3

fac-Tris(2-phenylpyridine)iridium(III)

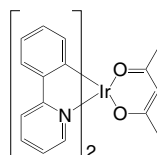
CAS No.	:94928-86-6
Grade	:Sublimed >99%
Formula	:C <sub>33</sub> H <sub>24</sub> IrN <sub>3</sub>
M.W.	:654.78 g/mole
UV	:282, 377 nm (in THF)
PL	:513 nm (in THF)
TGA	:> 300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E505 | Ir(ppy)2(acac)

Bis(2-phenylpyridine)(acetylacetonate)iridium(III)

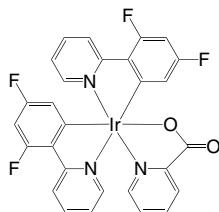
CAS No.	:337526-85-9
Grade	:Sublimed >99%
Formula	:C <sub>27</sub> H <sub>23</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:599.70 g/mole
UV	:259 nm (in THF)
PL	:524 nm (in THF)
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E607 | FlrPic

Bis[2-(4,6-difluorophenyl)pyridinato-C<sub>2</sub>N](picolinato)iridium(III)

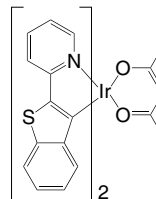
CAS No.	:376367-93-0
Grade	:>99%
Formula	:C <sub>28</sub> H <sub>16</sub> F <sub>4</sub> IrN <sub>3</sub> O <sub>2</sub>
M.W.	:694.66 g/mole
UV	:258 nm (in THF)
PL	:472 nm (in THF)
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-E709 | Ir(btp)2(acac)

Bis(2-benzo[b]thiophen-2-yl-pyridine)(acetylacetonate)iridium(III)

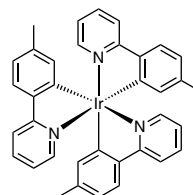
CAS No.	:343978-79-0
Grade	:Sublimed >99%
Formula	:C <sub>31</sub> H <sub>23</sub> IrN <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
M.W.	:711.87 g/mole
UV	:283 nm (in THF)
PL	:615 nm (in THF)
TGA	:> 310 °C (0.5% weight loss)



### LT-N506 | Ir(mppy)3

Tris[2-(p-tolyl)pyridine]iridium(III)

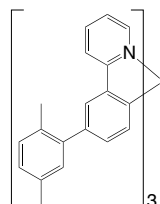
CAS No.	:149005-33-4
Grade	:Sublimed >99%
Formula	:C <sub>36</sub> H <sub>30</sub> IrN <sub>3</sub>
M.W.	:696.86 g/mole
UV	:287, 373 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:514 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N522 | TEG

fac-Tris(2-(3-p-xylyl)phenyl)pyridine iridium(III)

CAS No.	:1338784-40-9
Grade	>99%
Formula	:C <sub>57</sub> H <sub>48</sub> IrN <sub>3</sub>
M.W.	:967.3 g/mole
UV	:400 nm (film)
PL	:539 nm (film)
TGA	:> 250 °C (0.5% weight loss)
Solvent	:Chloroform



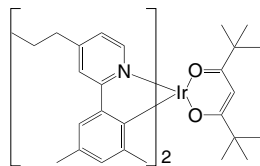


## Phosphorescent Dopant

### LT-N562 | Ir(dmppy-pro)2tmd

Bis(2-(3,5-dimethylphenyl)-4-propylpyridine)(2,2,6,6-tetramethylheptane-3,5-diketonate)iridium(III)

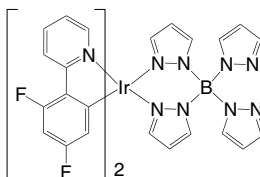
CAS No.	:2050041-60-4
Grade	:Sublimed >99%
Formula	:C <sub>43</sub> H <sub>55</sub> IrN <sub>2</sub> O <sub>2</sub>
M.W.	:824.14 g/mole
UV	:263, 373, 441 nm (in CHCl <sub>3</sub> )
PL	:532 nm (in CHCl <sub>3</sub> )
HOMO	:-5.1 eV
LUMO	:-2.77 eV



### LT-N620 | Flr6

Bis(2,4-difluorophenylpyridinato)tetrakis(1-pyrazolyl)borate iridium(III)

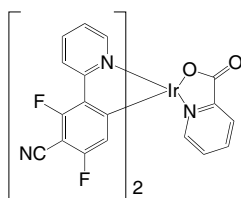
CAS No.	:664374-03-2
Grade	:>99%
Formula	:C <sub>34</sub> H <sub>24</sub> BF <sub>4</sub> IrN <sub>10</sub>
M.W.	:851.65 g/mole
UV	:367 nm (in THF)
PL	:461 nm (in THF)
TGA	:>280 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N664 | FCNIrPic

Bis(3,5-difluoro-4-cyano-2-(2-pyridyl)phenyl-(2-carboxypyridyl) iridium(III)

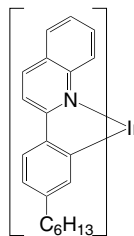
CAS No.	:665005-28-7
Grade	:>99%
Formula	:C <sub>30</sub> H <sub>14</sub> F <sub>4</sub> IrN <sub>5</sub> O <sub>2</sub>
M.W.	:744.68 g/mole
UV	:249, 281 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:463 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N741 | Hex-Ir(phq)3

Tris[2-(4-n-hexylphenyl)quinoline]iridium(III)

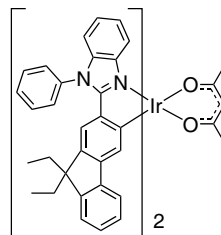
CAS No.	:1268460-37-2
Grade	:>99%
Formula	:C <sub>63</sub> H <sub>66</sub> IrN <sub>3</sub>
M.W.	:1057.43 g/mole
UV	:323 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:583 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:>250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



### LT-N744 | Ir(fbi)2(acac)

Bis(2-(9,9-diethyl-fluoren-2-yl)-1-phenyl-1H-benzo[d]imidazolato)(acetylacetonate)iridium(III)

CAS No.	:725251-24-1
Grade	:>99%
Formula	:C <sub>65</sub> H <sub>57</sub> IrN <sub>4</sub> O <sub>2</sub>
M.W.	:1118.40 g/mole
UV	:421 nm (in THF)
PL	:538 nm (in THF)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

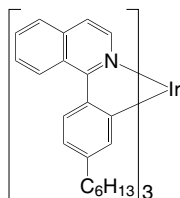


## Phosphorescent Dopant

### LT-N754 | Hex-Ir(piq)3

Tris[2-(4-n-hexylphenyl)quinoline]iridium(III)

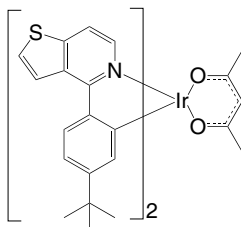
CAS No. :1240249-29-9  
 Grade :>99%  
 Formula :C<sub>63</sub>H<sub>66</sub>IrN<sub>3</sub>  
 M.W. :1057.43 g/mole  
 UV :325 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :617 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N758 | PO-01-TB

Iridium(III) bis(4-(4-tert-butylphenyl)thieno[3,2-c]-pyridinato-N,C<sub>2</sub>')acetylacetonate

CAS No. :1267497-10-8  
 Grade :>99%  
 Formula :C<sub>39</sub>H<sub>39</sub>IrN<sub>2</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :824.21 g/mole  
 UV :448 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :562 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>250 °C (0.5% weight loss)

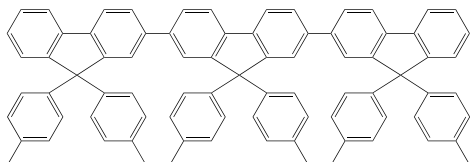


## Fluorescent Host

### LT-E408 | TDAF

2,7-Bis[9,9-di(4-methylphenyl)-fluoren-2-yl]-9,9-di(4-methylphenyl)fluorene

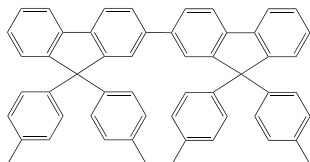
CAS No. :474918-42-8  
 Grade :Sublimed >98%  
 Formula :C<sub>81</sub>H<sub>62</sub>  
 M.W. :1035.36 g/mole  
 UV :353 nm (in THF)  
 PL :397, 419 nm (in THF)  
 TGA :>370 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-E413 | BDAF

2-[9,9-Di(4-methylphenyl)-fluoren-2-yl]-9,9-di(4-methylphenyl)fluorene

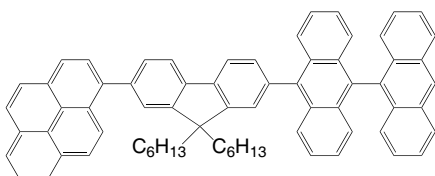
CAS No. :854046-47-2  
 Grade :Sublimed >97%  
 Formula :C<sub>54</sub>H<sub>42</sub>  
 M.W. :690.91 g/mole  
 UV :333 nm (in THF)  
 PL :386 nm (in THF)  
 TGA :>310 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N4005 | DAnF6Pye

1-(7-(9,9'-Bianthracen-10-yl)-9,9-dihexyl-9H-fluoren-2-yl)pyrene

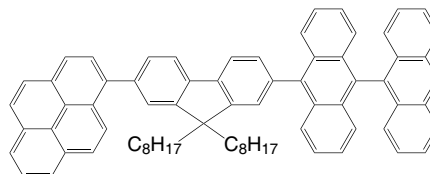
CAS No. :1705571-71-6  
 Grade :>99%  
 Formula :C<sub>69</sub>H<sub>58</sub>  
 M.W. :877.20 g/mole  
 UV :358 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :437 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Toluene, Chloroform



### LT-N4040 | BAnF8Pye

1-(7-(9,9'-Bianthracen-10-yl)-9,9-dioctyl-9H-fluoren-2-yl)pyrene

CAS No. :1258522-34-7  
 Grade :>99%  
 Formula :C<sub>73</sub>H<sub>66</sub>  
 M.W. :943.31 g/mole  
 UV :257, 356 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :440 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>330 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform

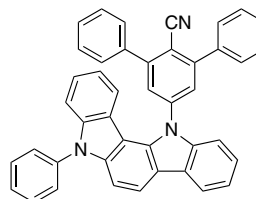


### LT-N4242 | 3phCN-ICz

**NEW**

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

Grade :Sublimed >99%  
 Formula :C<sub>43</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :585.69 g/mole  
 UV :362 nm (in Toluene)  
 PL :437 nm (in Toluene)  
 HOMO :-5.52 eV  
 LUMO :-2.2 eV

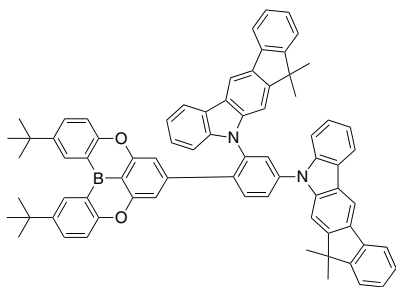


## Fluorescent Host

## LT-N4207 | BICz

5,5'-(4-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-1,3-phenylene)bis(7,7-dimethyl-5,7-dihydroindeno[2,1-b]carbazole)

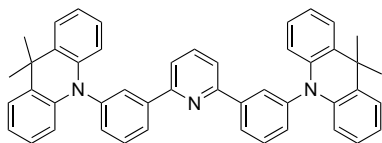
CAS No. :2657707-20-3  
 Grade :>99%  
 Formula :C<sub>74</sub>H<sub>61</sub>BN<sub>2</sub>O<sub>2</sub>  
 M.W. :1021.10 g/mole  
 PL :407 nm (in Toluene)  
 HOMO :-5.48 eV  
 LUMO :-2.48 eV  
 ΔEST :0.18 eV



## LT-N4208 | DDMACPy

2,6-Bis(3-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyridine

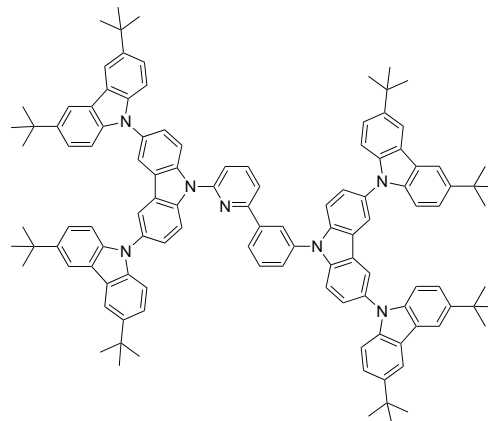
CAS No. :2924013-34-1  
 Grade :Sublimed >99%  
 Formula :C<sub>47</sub>H<sub>39</sub>N<sub>3</sub>  
 M.W. :645.31 g/mole  
 PL :429 nm (film)  
 HOMO :-5.50 eV  
 LUMO :-2.95 eV



## LT-N4210 | mCDtCBPy

3,3'',6,6''-tetra-tert-butyl-9'-[6-(3-(3,3'',6,6''-tetra-tert-butyl-9'H-[9,3':6',9''-tercarbazol]-9'-yl)-phenyl)pyridine-2-yl]-9'H-9,3':6',9''-tercarbazole

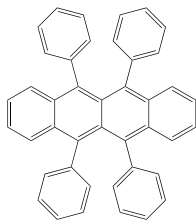
Grade :Sublimed >99%  
 Formula :C<sub>115</sub>H<sub>115</sub>N<sub>7</sub>  
 M.W. :1595.19 g/mole  
 PL :425 nm (film)  
 HOMO :-5.04 eV  
 LUMO :-1.82 eV  
 ΔEST :0.48 eV



## LT-E707 | Rubrene

5,6,11,12-Tetraphenylnaphthalene

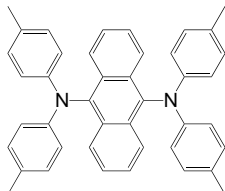
CAS No.	:517-51-1
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>28</sub>
M.W.	:532.67 g/mole
UV	:299 nm (in THF)
PL	:553 nm (in THF)
TGA	:> 250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



## LT-N507 | TTPA

9,10-Bis[N,N-di-(p-tolyl)-amino]anthracene

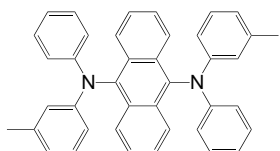
CAS No.	:177799-16-5
Grade	:Sublimed >99%
Formula	:C <sub>42</sub> H <sub>36</sub> N <sub>2</sub>
M.W.	:568.75 g/mole
UV	:294, 471 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:554 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 280 °C (0.5% weight loss)



## LT-N508 | TPA

9,10-Bis[phenyl(m-tolyl)-amino]anthracene

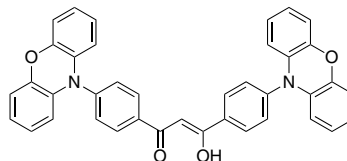
CAS No.	:189263-81-8
Grade	:Sublimed >98%
Formula	:C <sub>40</sub> H <sub>32</sub> N <sub>2</sub>
M.W.	:540.70 g/mole
UV	:292, 458 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:532 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



## LT-N580 | PXZPDO

1,3-Bis(4-(10H-phenoxazin-10-yl)phenyl)-3-hydroxyprop-2-en-1-one

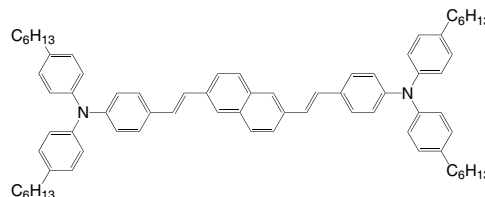
CAS No.	:2168560-84-5
Grade	:Sublimed >99%
Formula	:C <sub>39</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	:586.63 g/mole
PL	:604 nm (in Toluene)
HOMO	: -5.13 eV
LUMO	: -2.70 eV
ΔEST	: 0.04 eV



## LT-N663 | N-BDAVBi-C6

4,4'-(1E,1'E)-2,2'-(Naphthalene-2,6-diyl)bis(ethene-2,1-diyl)bis(N,N-bis(4-hexylphenyl)aniline)

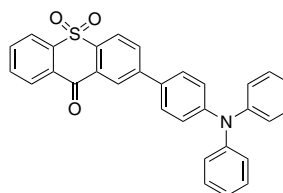
CAS No.	:1258522-36-9
Grade	:>99%
Formula	:C <sub>74</sub> H <sub>86</sub> N <sub>2</sub>
M.W.	:1003.49 g/mole
UV	:303, 418 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	:502 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
Solvent	:Toluene, Chloroform



## LT-N775 | TXO-TPA

2-[4-(diphenylamino) phenyl]-10, 10-dioxide-9H-thioxanthene-9-one

CAS No.	:1623010-63-8
Grade	:Sublimed >99%
Formula	:C <sub>31</sub> H <sub>21</sub> NO <sub>3</sub> S
M.W.	:487.57 g/mole
UV	:299/353/415nm (in Toluene)
PL	:625 nm (film)
TGA	:>250 °C (0.5% weight loss)
HOMO	: -5.40 eV
LUMO	: -3.50 eV
ΔEST	: 0.052 eV

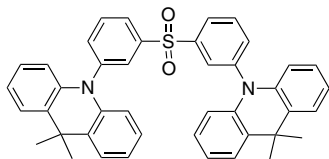


## Fluorescent Dopant

### LT-N6044 | m-ACSO2

10,10'-(Sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

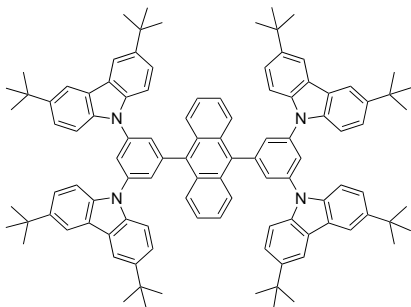
CAS No. :1477512-43-8  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>36</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :632.81 g/mole  
 PL :473 nm (film)  
 HOMO :-5.36 eV  
 LUMO :-2.26 eV  
 ΔEST :0.07 eV



### LT-N6072 | C-A-C

9,10-Bis(3,5-bis(3,6-di-tert-butylcarbazol-9-yl)-phenyl)anthracene

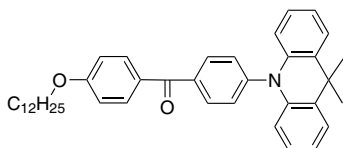
CAS No. :2639316-97-3  
 Grade :Sublimed >98%  
 Formula :C<sub>106</sub>H<sub>110</sub>N<sub>4</sub>  
 M.W. :1440.03 g/mole  
 PL :432 nm (film)  
 HOMO :-5.90 eV  
 LUMO :-2.96 eV



### LT-N6073 | M1

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

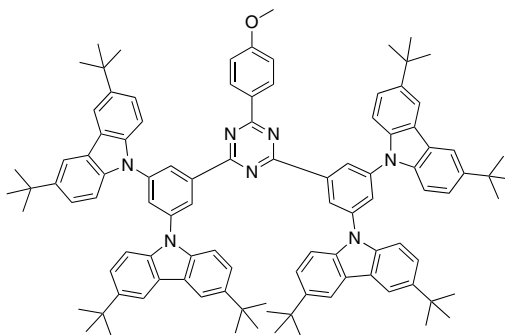
Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>47</sub>NO<sub>2</sub>  
 M.W. :573.81 g/mole  
 PL :488 nm (film)  
 HOMO :-4.93 eV  
 LUMO :-1.73 eV  
 ΔEST :0.038 eV



### LT-N6076 | mtCzTrz

9,9'-(5-(4-(3-(3-(tert-butyl)-6-isopropyl-9H-carbazol-9-yl)-5-(3,6-diisopropyl-9H-carbazol-9-yl)phenyl)-6-(4-methoxyphenyl)-1,3,5-triazin-2-yl)-1,3-phenylene)bis(3,6-di-tert-butyl-9H-carbazole)

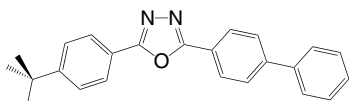
Grade :Sublimed >99%  
 Formula :C<sub>102</sub>H<sub>109</sub>N<sub>7</sub>O  
 M.W. :1449 g/mole  
 PL :469 nm (in Toluene)  
 HOMO :-6.03 eV  
 LUMO :-3.41 eV



### LT-E303 | PBD

2-(4-Biphenyl)-5-(4-tert-butylphenyl)-134-oxadiazole

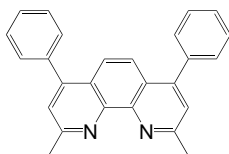
CAS No. :15082-28-7  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>22</sub>N<sub>2</sub>O  
 M.W. :354.44 g/mole  
 UV :305 nm (in THF)  
 PL :380 nm (in THF)  
 Solvent :Toluene, Chloroform



### LT-E304 | BCP

29-Dimethyl-47-diphenyl-110-phenanthroline

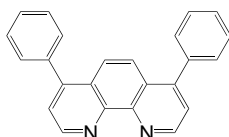
CAS No. :4733-39-5  
 Grade :Sublimed >99%  
 Formula :C<sub>26</sub>H<sub>20</sub>N<sub>2</sub>  
 M.W. :360.45 g/mole  
 UV :277 nm (in THF)  
 PL :386 nm (in THF)  
 TGA :>240 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-E305 | Bphen

47-Diphenyl-110-phenanthroline

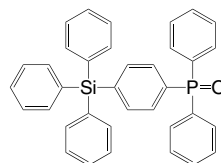
CAS No. :1662-01-7  
 Grade :Sublimed >99.5%  
 Formula :C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
 M.W. :332.4 g/mole  
 UV :272 nm (in THF)  
 PL :379 nm (in THF)  
 Solvent :Toluene, Chloroform



### LT-N4048 | TSPO1

Diphenyl-4-triphenylsilylphenyl-phosphine oxide

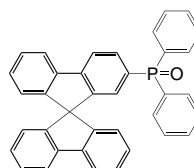
CAS No. :1286708-86-8  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>29</sub>OPSi  
 M.W. :536.67 g/mole  
 UV :266 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :298 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>300 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N496 | SPPO1

99-Spirobifluoren-2-yl-diphenyl-phosphine oxide

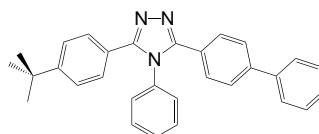
CAS No. :1125547-88-7  
 Grade :Sublimed >99%  
 Formula :C<sub>37</sub>H<sub>25</sub>OP  
 M.W. :516.57 g/mole  
 UV :307, 317 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :346 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N836 | TAZ

3-(4-Biphenyl)-4-phenyl-5-tert-butylphenyl-124-triazole

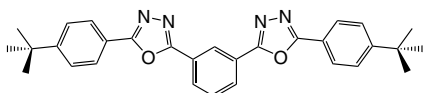
CAS No. :150405-69-9  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :429.56 g/mole  
 UV :290 nm (in THF)  
 PL :370 nm (in THF)  
 TGA :>250 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N855 | OXD-7

13-Bis[2-(4-tert-butylphenyl)-134-oxadiazole-5-yl]benzene

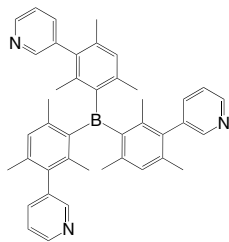
CAS No. :138372-67-5  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>30</sub>N<sub>4</sub>O<sub>2</sub>  
 M.W. :478.58 g/mole  
 UV :292 nm (in THF)  
 PL :347 nm (in THF)  
 TGA :>290 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N856 | 3TPYMB

Tris(246-trimethyl-3-(pyridin-3-yl)phenyl)borane

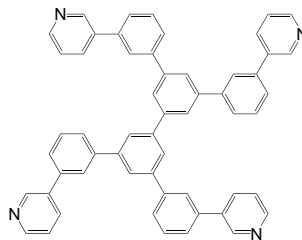
CAS No. :929203-02-1  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>42</sub>BN<sub>3</sub>  
 M.W. :599.61 g/mole  
 UV :331 nm (in THF)  
 PL :382 nm (in THF)  
 TGA :>230 °C (0.5% weight loss)  
 Solvent :Toluene, Chloroform



### LT-N862 | BP4mPy

33'55'-Tetra[(m-pyridyl)-phen-3-yl]biphenyl

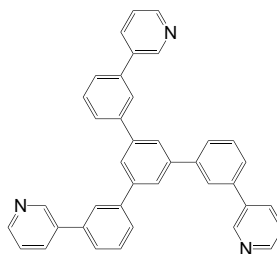
CAS No. :1009033-94-6  
 Grade :Sublimed >99%  
 Formula :C<sub>56</sub>H<sub>38</sub>N<sub>4</sub>  
 M.W. :766.93 g/mole  
 UV :253 nm (in THF)  
 PL :352 nm (in THF)  
 TGA :>370 °C (0.5% weight loss)



### LT-N863 | TmPyPB

135-Tri[(3-pyridyl)-phen-3-yl]benzene

CAS No. :921205-03-0  
 Grade :Sublimed >99.5%  
 Formula :C<sub>39</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :537.65 g/mole  
 UV :254 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :353 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>310 °C (0.5% weight loss)  
 Solvent :Soluble in CH<sub>2</sub>Cl<sub>2</sub>, CHCl<sub>3</sub>, Toluene



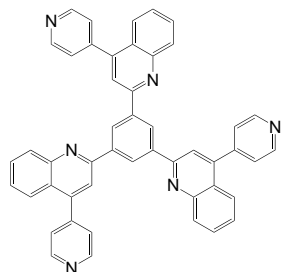


## Electron Transport / Hole Blocking Layer (ETL / HBL)

### LT-N879 | TPyQB

135-Tris(4-(pyridin-4-yl)quinolin-2-yl)benzene

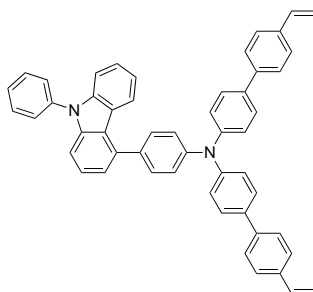
CAS No. :1350742-68-5  
 Grade :Sublimed >99%  
 Formula :C<sub>48</sub>H<sub>30</sub>N<sub>6</sub>  
 M.W. :690.79 g/mole  
 PL :381 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>400 °C (0.5% weight loss)



### LT-N1014 | PbV

[4-(9-Phenyl-9H-carbazol-4-yl)-phenyl]-bis-(4'-vinyl-biphenyl-4-yl)amine

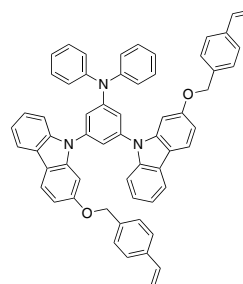
CAS No. :2669845-37-6  
 Grade :>97%  
 Formula :C<sub>52</sub>H<sub>38</sub>N<sub>2</sub>  
 M.W. :690.87 g/mole  
 UV :293, 361 nm  
 PL :416 nm  
 HOMO :-5.90 eV  
 LUMO :-2.50 eV



### LT-N1016 | x-DCDPA

N,N-Diphenyl-3,5-bis(2-((4-vinylbenzyl)oxy)-9H-carbazol-9-yl)aniline

CAS No. :2654817-41-9  
 Grade :>99%  
 Formula :C<sub>60</sub>H<sub>45</sub>N<sub>3</sub>O<sub>2</sub>  
 M.W. :840.02 g/mole  
 PL :373 nm (in Toluene)  
 HOMO :-5.92 eV  
 LUMO :-2.33 eV

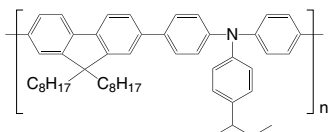


## Hole Transport Layer (HTL)

### LT-N148 | TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(4-sec-butylphenyl)diphenylamine)]

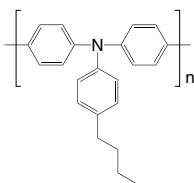
CAS No. :220797-16-0  
 Grade :Mw >30,000 (GPC)  
 Formula : $(C_{51}H_{61}N)_n$   
 UV :389 nm (in  $CH_2Cl_2$ )  
 PL :443 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CH_2Cl_2$ , Toluene,  $CHCl_3$



### LT-N149 | Poly-TPD

Poly[N,N'-bis(4-butylphenyl)-N,N'-bis(phenyl)-benzidine]

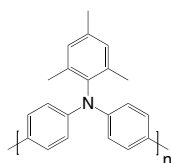
CAS No. :472960-35-3  
 Grade :Mw =20,000~200,000 (GPC)  
 Formula : $(C_{22}H_{21}N)_n$   
 UV :371, 388 nm (in  $CH_2Cl_2$ )  
 PL :424 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene



### LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

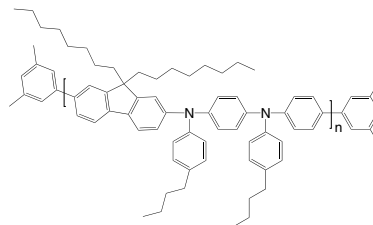
CAS No. :1333317-99-9  
 Grade :Mw =20,000~100,000 (GPC)  
 Formula : $(C_{21}H_{19}N)_n$   
 UV :388 nm (in  $CH_2Cl_2$ )  
 PL :424 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N169

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(N,N'-diphenyl)-N,N'-di(p-butylphenyl)-1,4-diaminobenzene]] end capped with dimethylphenyl

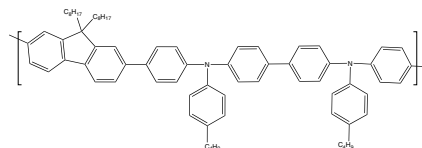
Grade :Mw >10,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{67}H_{78}N_2)_n$   
 UV :380 nm (in THF)  
 PL :494 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N170 | BFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(4-butylphenyl)-benzidine-N,N'-[1,4-diphenylene])]

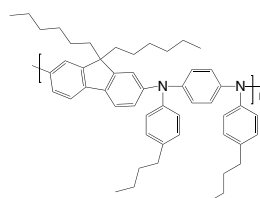
CAS No. :223569-32-2  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{73}H_{82}N_2)_n$   
 UV :380 nm (in THF)  
 PL :435 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N171 | PFHB

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-(N,N'-bis(p-butylphenyl)-1,4-diaminophenylene)]

CAS No. :870517-32-1  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{51}H_{62}N_2)_n$   
 UV :398 nm (in THF)  
 PL :425 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene

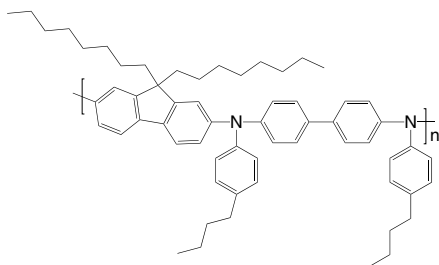


## Hole Transport Layer (HTL)

### LT-N172

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(p-butylphenyl)-1,1'-biphenylene-4,4'-diamine)]

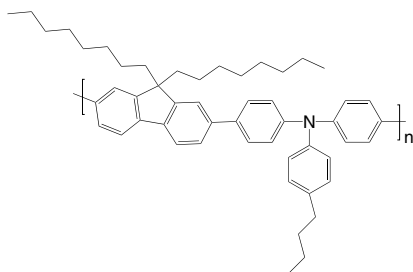
CAS No. :1115424-53-7  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{61}H_{74}N_2)_n$   
 UV :397 nm (in THF)  
 PL :420 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N174

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(p-butylphenyl)diphenyl)amine)]

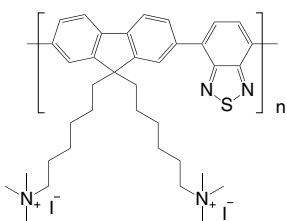
CAS No. :223569-31-1  
 Grade :Mw >30,000 (GPC)  
 Formula : $(C_{51}H_{61}N)_n$   
 UV :385 nm (in THF)  
 PL :434 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N181 PFNIBT

Poly(9,9-bis(6-trimethyl ammoniumiodide)-hexylfluorene-2,7-diyl-alt-(benzo[2,1,3]thiadiazol-4,7-diyl))

Grade :Mw >10,000 (GPC)  
 Formula : $(C_{35}H_{42}I_2N_4S)_n$   
 UV :317, 448 nm (in DMSO)  
 Solvent :Soluble in DMSO

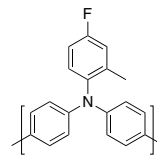


### LT-N1021 1F-PTAA

**NEW**

Poly(bis(4-phenyl)(4-fluoro-2-methylphenyl)amine)

Grade :Mw >20,000  
 Formula : $(C_{19}H_{14}FN)_n$   
 HOMO :-5.52 eV  
 LUMO :-2.55 eV



### LT-PS001 PEDOT:PSS

Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

#### Specification

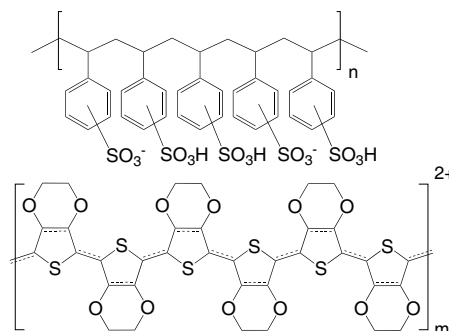
CAS No. : 155090-83-8  
 Description : Aqueous dispersion, blue liquid.  
 Sodium : Max. 400 ppm  
 Sulfate : Max. 40 ppm  
 Solid content: 1.3 - 1.7 wt%  
 PSD d50 : 80 nm  
 PSD d90 : 100 nm  
 Resistivity : 500-5000  $\Omega$ cm  
 Viscosity : 5-12 mPas

#### Technical Data (guide values, not a specification)

Form : liquid  
 Odour : odourless  
 Colour : dark blue  
 PEDOT:PSS ratio: 1:6 (by weight)  
 PEDOT work function: approx 5.2 eV  
 pH : 1.2 - 2.2 at 20 °C  
 Boiling Point : approx 100 °C

#### Storage:

The product is sensitive to frost and should therefore not be stored at temperatures below 5 °C. Avoid freezing!

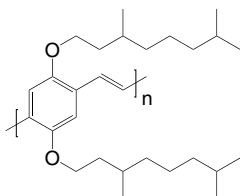


Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

### LT-A1001

Poly[2,5-bis(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene]

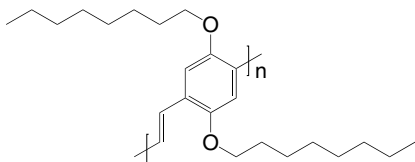
CAS No. :189012-99-5  
 Grade :Mw >100,000 (GPC)  
 Formula : $(C_{28}H_{46}O_2)_n$   
 UV :480 nm (in Toluene)  
 PL :548 nm (in Toluene)  
 Solvent :Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1004

Poly[2,5-bis(octyloxy)-1,4-phenylenevinylene]

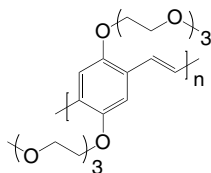
CAS No. :133069-19-9  
 Grade :Mw >3,000 (GPC)  
 Formula : $(C_{24}H_{38}O_2)_n$   
 UV :477 nm (in  $CH_2Cl_2$ )  
 PL :548 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1005 BTEM-PPV

Poly[2,5-bis(1,4,7,10-tetraoxaundecyl)-1,4-phenylenevinylene]

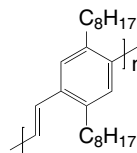
CAS No. :221244-49-1  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{21}H_{32}O_8)_n$   
 UV :491 nm (in THF)  
 PL :549 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1006 POPPV

Poly(2,5-dioctyl-1,4-phenylenevinylene)

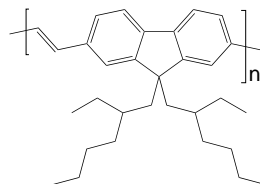
CAS No. :808735-22-0  
 Grade :Mw >3,000 (GPC)  
 Formula : $(C_{24}H_{38})_n$   
 UV :403 nm (in  $CH_2Cl_2$ )  
 PL :491 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1007

Poly(9,9-di-(2-ethylhexyl)-9H-fluorene-2,7-vinylene)

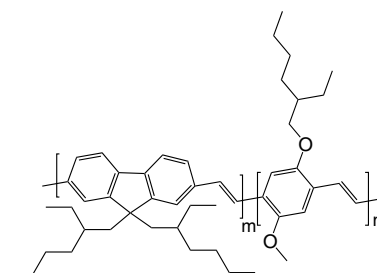
CAS No. :1019638-19-7  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{31}H_{42})_n$   
 UV :280 nm (in  $CH_2Cl_2$ )  
 PL :454 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1008

Poly[(9,9-di(2-ethylhexyl)-9H-fluorene-2,7-vinylene)-co-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene)] (m:n=95:5 mole ratio)

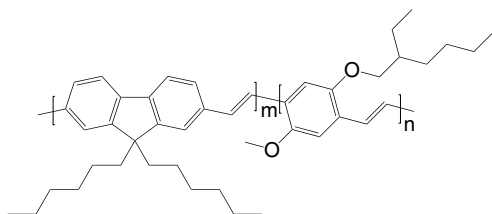
Grade :Mw >20,000 (GPC)  
 Formula : $(C_{31}H_{42})_m(C_{17}H_{24}O_2)_n$   
 UV :280 nm (in  $CH_2Cl_2$ )  
 PL :510 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1009 | Poly(FV-CO-MEHPV)

Poly[(9,9-dihexyl-9H-fluorene-2,7-vinylene)-co-(1-methoxy-4-(2-ethylhexyloxy)-2,5-phenylenevinylene)],(m:n=95:5 mole ratio)

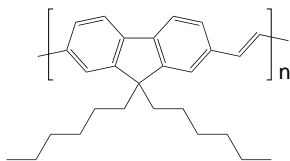
Grade :Mw >20,000 (GPC)  
 Formula : $(C_{27}H_{34})_m(C_{17}H_{24}O_2)_n$   
 UV :280 nm (in  $CH_2Cl_2$ )  
 PL :500 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1010

Poly(9,9-di-n-hexylfluorenyl-2,7-vinylene)

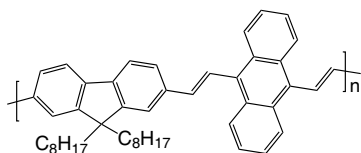
CAS No. :203927-82-6  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{27}H_{34})_n$   
 UV :373 nm (in  $CH_2Cl_2$ )  
 PL :454 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1011

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(9,10-anthracene)]

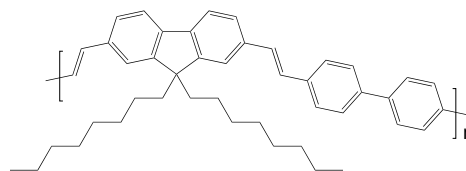
CAS No. :474975-19-4  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{47}H_{52})_n$   
 UV :445 nm (in THF)  
 PL :556 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1012

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(4,4'-biphenylene)]

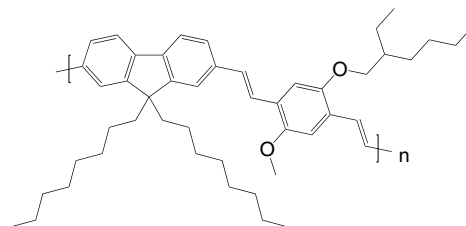
CAS No. :474975-20-7  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{45}H_{52})_n$   
 UV :430 nm (in THF)  
 PL :448 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1013 | PFPV

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)]

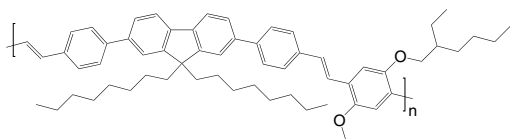
CAS No. :475101-36-1  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{48}H_{66}O_2)_n$   
 UV :480 nm (in THF)  
 PL :508 / 534 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1014

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-diphenylenevinylene-2-methoxy-5-(2-ethylhexyloxy)-benzene)]

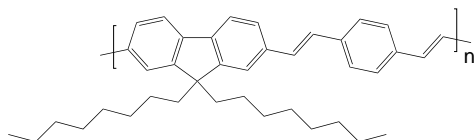
CAS No. :577705-37-4  
 Grade :Mw >30,000 (GPC)  
 Formula : $(C_{60}H_{74}O_2)_n$   
 UV :426 nm (in THF)  
 PL :466 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1015

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(1,4-phenylene)]

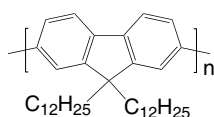
CAS No. :579505-60-5  
 Grade :Mw >30,000 (GPC)  
 Formula : $(C_{39}H_{48})_n$   
 UV :456 nm (in THF)  
 PL :495 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1016 PFD

Poly(9,9-di-n-dodecylfluorenyl-2,7-diyl)

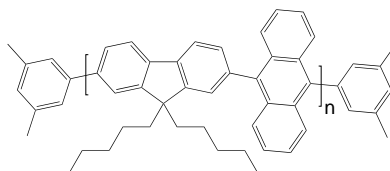
CAS No. :248256-53-3  
 Grade :Mw >50,000 (GPC)  
 Formula : $(C_{37}H_{56})_n$   
 UV :369 nm (in  $CH_2Cl_2$ )  
 PL :421 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1017 PFH-A-DMP

Poly[(9,9-dihexylfluoren-2,7-diyl)-co-(anthracen-9,10-diyl)] end capped with dimethylphenyl

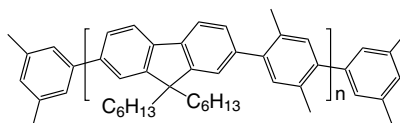
Grade :Mw >10,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{39}H_{40})_n$   
 UV :375 nm (in  $CH_2Cl_2$ )  
 PL :440 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1018 PF-DMB

Poly[(9,9-dihexylfluoren-2,7-diyl)-alt-(2,5-dimethyl-1,4-phenylene)] end capped with dimethylphenyl

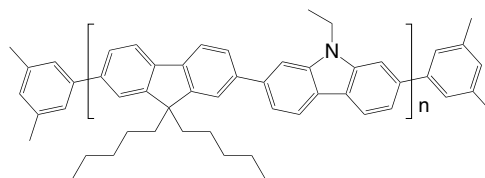
CAS No. :579505-48-9  
 Grade :Mw >20,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{33}H_{40})_n$   
 UV :330 nm (in  $CH_2Cl_2$ )  
 PL :378 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1019 PFH-EC

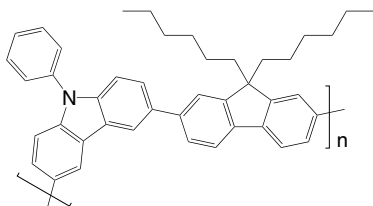
Poly[(9,9-dihexylfluoren-2,7-diyl)-co-(9-ethylcarbazol-2,7-diyl)] end capped with dimethylphenyl

Grade :Mw >20,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{39}H_{43}N)_n$   
 UV :374 nm (in  $CH_2Cl_2$ )  
 PL :417 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



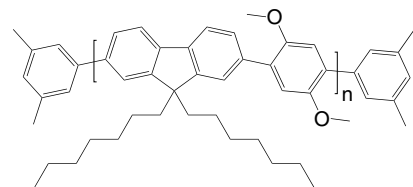
### LT-A1020

Poly(9,9-n-diethyl-2,7-fluorene-alt-9-phenyl-3,6-carbazole)  
 CAS No. :856893-75-9  
 Grade :Mw >30,000 (GPC)  
 Formula : $(C_{43}H_{43}N)_n$   
 UV :333 nm (in  $CH_2Cl_2$ )  
 PL :398 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



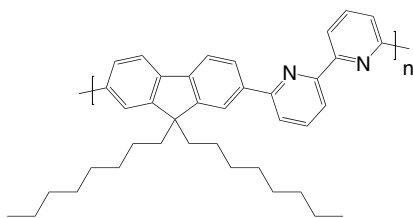
### LT-A1021

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-(2,5-dimethoxy)benzene)] end capped with dimethylphenyl  
 Grade :Mw >20,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{37}H_{48}O_2)_n$   
 UV :369 nm (in THF)  
 PL :410 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



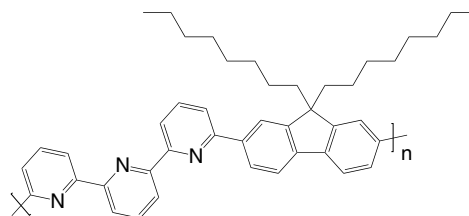
### LT-A1023 PFO-BPy

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(6,6'-(2,2'-bipyridine)]]  
 CAS No. :1423043-97-3  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{39}H_{46}N_2)_n$   
 UV :360 nm (in THF)  
 PL :373/392 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



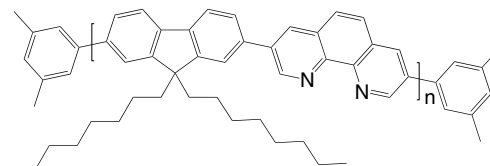
### LT-A1024

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(6,6'-(2,2':6',2''-terpyridine)]]  
 CAS No. :934690-41-2  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{44}H_{49}N_3)_n$   
 UV :347 nm (in THF)  
 PL :368 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



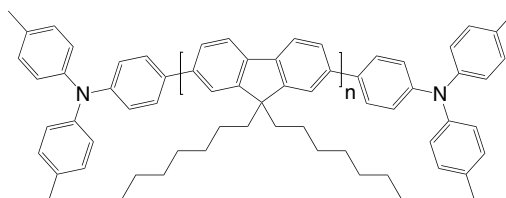
### LT-A1025

Poly[(9,9-dioctyl-2,7-fluorenylene)-co-(3,8-phenanthroline)] end capped with dimethylphenyl  
 Grade :Mw >30,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{41}H_{46}N_2)_n$   
 UV :388 nm (in THF)  
 PL :410 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1026

Poly[9,9-dioctylfluorenyl-2,7-diyl] end capped with N,N-bis(4-methylphenyl)aniline  
 Grade :Mw >20,000 (GPC)  
 Formula : $C_{40}H_{36}N_2(C_{29}H_{40})_n$   
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene

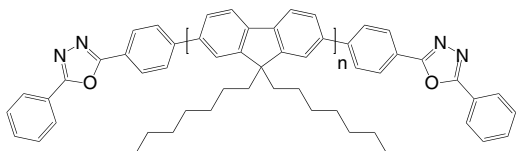


## Emitting Layers

### LT-A1027

Poly[9,9-dioctylfluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

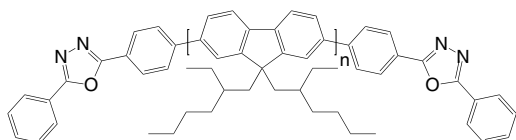
Grade :Mw >20,000 (GPC)  
 Formula :C<sub>28</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>(C<sub>29</sub>H<sub>42</sub>)<sub>n</sub>  
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1028

Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

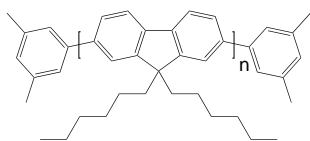
Grade :Mw >10,000 (GPC)  
 Formula :C<sub>28</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1029

Poly[9,9-dihexylfluorenyl-2,7-diyl] end capped with dimethylphenyl

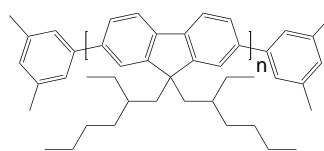
CAS No. :1010129-39-1  
 Grade :Mw =50,000~150,000 (GPC)  
 Formula :C<sub>16</sub>H<sub>18</sub>(C<sub>25</sub>H<sub>32</sub>)<sub>n</sub>  
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1030

Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with dimethylphenyl

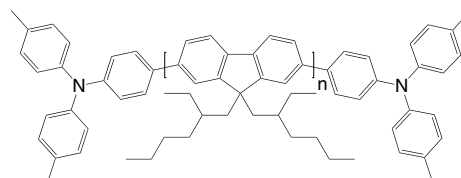
Grade :Mw >20,000 (GPC)  
 Formula :C<sub>16</sub>H<sub>18</sub>(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1031

Poly[9,9-di(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with N,N-bis(4-methylphenyl)aniline

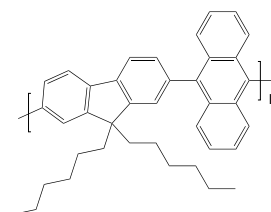
Grade :Mw >10,000 (GPC)  
 Formula :C<sub>40</sub>H<sub>36</sub>N<sub>2</sub>(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :393 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1032 | PFH-A

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-co-(9,10-anthracene)]

CAS No. :474975-22-9  
 Grade :Mw >10,000 (GPC)  
 Formula :(C<sub>39</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :375 nm (in THF)  
 PL :440 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

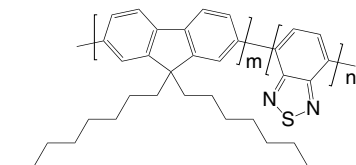




### LT-A1033

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-benzo-[2,1,3]-thiadiazole)] (m:n=95:5 mole ratio)

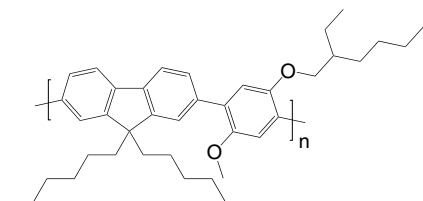
Grade :Mw >20,000 (GPC)  
 Formula : $(C_{29}H_{40})_m(C_6H_2N_2S)_n$   
 UV :386 nm (in THF)  
 PL :535 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1034

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)]

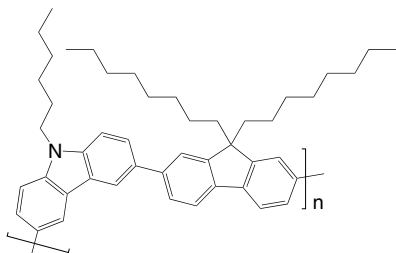
CAS No. :475102-99-9  
 Grade :Mw >10,000 (GPC)  
 Formula : $(C_{40}H_{54}O_2)_n$   
 UV :366 nm (in THF)  
 PL :410 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1035

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(9-hexyl-3,6-carbazole)]

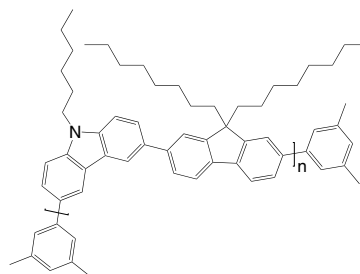
Grade :Mw >10,000 (GPC)  
 Formula : $(C_{47}H_{59}N)_n$   
 UV :360 nm (in THF)  
 PL :410 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1036

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(9-hexyl-3,6-carbazole)] end capped with dimethylphenyl

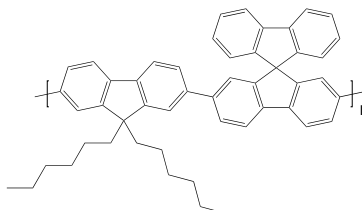
Grade :Mw >10,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{47}H_{59}N)_n$   
 UV :364 nm (in THF)  
 PL :412 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1037

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-(9,9'-spirobifluorene-2,7-diyl)]

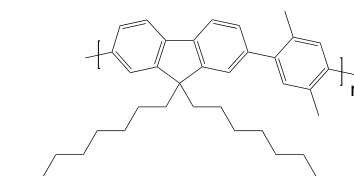
CAS No. :474975-24-1  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{50}H_{46})_n$   
 UV :380 nm (in THF)  
 PL :410 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1038

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(2,5-p-xylene)]

CAS No. :1687752-52-8  
 Grade :Mw >20,000 (GPC)  
 Formula : $(C_{37}H_{48})_n$   
 UV :335 nm (in THF)  
 PL :378 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## Emitting Layers

### LT-A1039

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(2,6-pyridine)]

CAS No. :773895-96-8

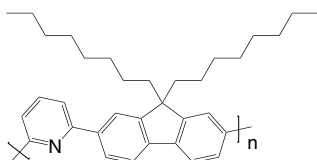
Grade :Mw >20,000 (GPC)

Formula : $(C_{34}H_{43}N)_n$

UV :364 nm (in THF)

PL :406 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1040

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-phenylene)]end capped with dimethylphenyl

CAS No. :1025775-95-4

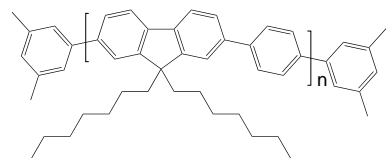
Grade :Mw >30,000 (GPC)

Formula : $C_{16}H_{18}(C_{35}H_{44})_n$

UV :377 nm (in THF)

PL :405 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1050

Poly[[2,5-bis(2-(N,N-diethylamino)ethoxy)-1,4-phenylene]-alt-1,4-phenylene]

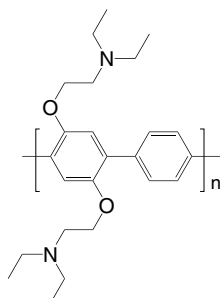
Grade :Mw >30,000 (GPC)

Formula : $(C_{24}H_{34}N_2O_2)_n$

UV :340 nm (in  $CH_2Cl_2$ )

PL :400 nm (in  $CH_2Cl_2$ )

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1054

Poly[2,5-dioctyl-1,4-phenylene] end capped with dimethylphenyl

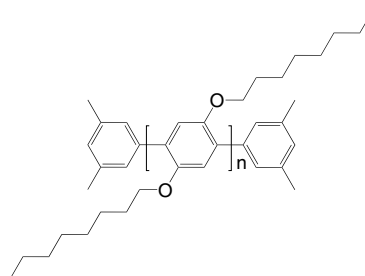
Grade :Mw >10,000 (GPC)

Formula : $C_{16}H_{18}(C_{22}H_{36}O_2)_n$

UV :335 nm (in THF)

PL :397 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1055

Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene] end capped with dimethylphenyl

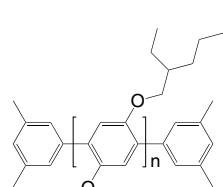
Grade :Mw >10,000 (GPC)

Formula : $C_{16}H_{18}(C_{15}H_{22}O_2)_n$

UV :325 nm (in THF)

PL :390 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1056 Poly(FV-CO-MEHPV)

Poly[(9,9-dihexyl-9H-fluorene-2,7-vinylene)-co-(1-methoxy-4-(2-ethylhexyloxy)-2,5-phenylenevinylene)]

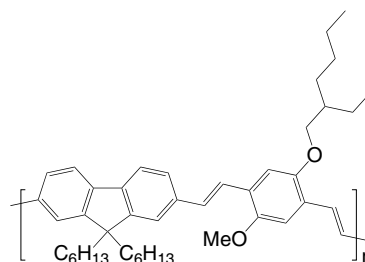
Grade :Mw >20,000 (GPC)

Formula : $(C_{44}H_{58}O_2)_n$

UV :325 nm (in THF)

PL :390 nm (in THF)

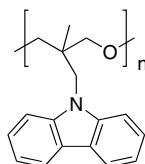
Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N4037 | PCMO

Poly[3-(carbazol-9-ylmethyl)-3-methyloxetane]

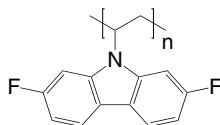
CAS No. :69678-71-3  
 Grade :Mw >30,000 (GPC)  
 Formula :(C<sub>17</sub>H<sub>17</sub>NO)<sub>n</sub>  
 UV :237, 263 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N4062 | 2,7-F-PVF

Poly[9-sec-butyl-2,7-difluoro-9H-carbazole]

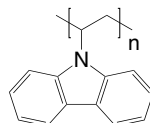
CAS No. :1227083-33-1  
 Grade :Mw >30,000 (GPC)  
 Formula :(C<sub>14</sub>H<sub>9</sub>F<sub>2</sub>N)<sub>n</sub>  
 UV :261, 294 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :397 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N4077 | PVK

Poly(9-vinylcarbazole)

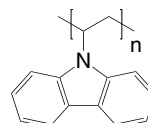
CAS No. :25067-59-8  
 Grade :Mw >20,000 (GPC)  
 Formula :(C<sub>14</sub>H<sub>11</sub>N)<sub>n</sub>  
 UV :261, 294 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :380 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N4078 | PVK

Poly(9-vinylcarbazole)

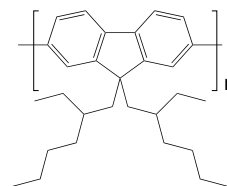
CAS No. :25067-59-8  
 Grade :Mw >100,000 (GPC)  
 Formula :(C<sub>14</sub>H<sub>11</sub>N)<sub>n</sub>  
 UV :261, 294 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :380 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9004 | PF2EH

Poly[9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl]

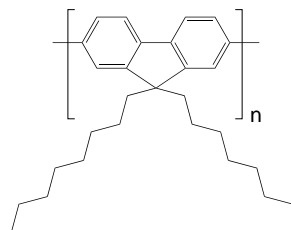
CAS No. :188201-16-3  
 Grade :Mw >20,000 (GPC)  
 Formula :(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :389 nm (in THF)  
 PL :418 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S933 | PFO

Poly(9,9-dioctylfluorenyl-2,7-diyl)

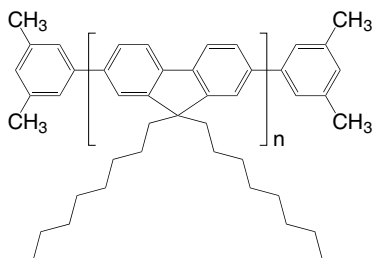
CAS No. :123864-00-6  
 Grade :Mw =50,000~150,000 (GPC)  
 Formula :(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :376 nm (in THF)  
 PL :426 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S934 | PFO-DMP

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

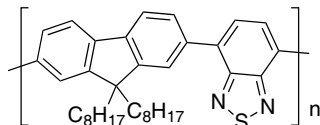
CAS No. :874816-14-5  
 Grade :Mw =50,000~150,000 (GPC)  
 Formula :C<sub>16</sub>H<sub>18</sub>(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV :368 nm (in THF)  
 PL :421 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S957 | F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(benzo[2,1,3]thiadiazol-4,7-diyl)]

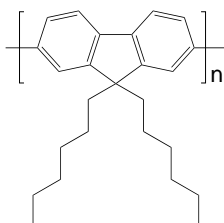
CAS No. :210347-52-7  
 Grade :Mw >20,000  
 Formula :(C<sub>35</sub>H<sub>42</sub>N<sub>2</sub>S)<sub>n</sub>  
 UV :453 nm (in THF)  
 PL :534 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S958 | PHF

Poly(9,9-dihexylfluorenyl-2,7-diyl)

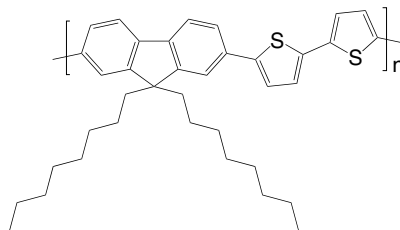
CAS No. :201807-75-2  
 Grade :Mw =30,000~100,000 (GPC)  
 Formula :(C<sub>25</sub>H<sub>32</sub>)<sub>n</sub>  
 UV :389 nm (in THF)  
 PL :418 nm (in THF)  
 Solvent :Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S979 | F8T2

Poly[(9,9-di-n-octylfluorenyl-2,7-diyl)-alt-2,2'-bithiophene-5,5'-diyl]

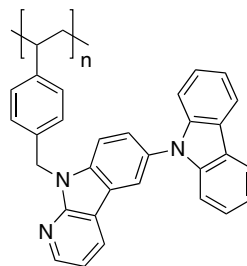
CAS No. :210347-56-1  
 Grade :Mw >20,000 (GPC)  
 Formula :(C<sub>37</sub>H<sub>44</sub>S<sub>2</sub>)<sub>n</sub>  
 UV :454 nm (in THF)  
 PL :500 nm (in THF)  
 Solvent :Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N4212 | PSCbCz

Poly(6-(9H-Carbazol-9-yl)-9-(4-vinylbenzyl)-9H-pyrido-[2,3-b]indole)

CAS No. :2688752-67-0  
 Grade :Mw =5,000~20,000(GPC)  
 Formula :(C<sub>32</sub>H<sub>23</sub>N<sub>3</sub>)<sub>n</sub>  
 PL :414 nm (film)  
 HOMO :-5.65 eV  
 LUMO :-2.28 eV  
 ΔEST :0.15 eV

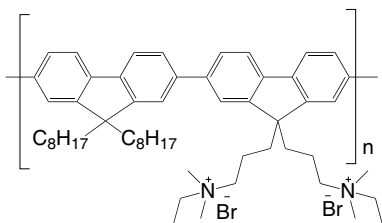


## Electron Transport Layer (ETL)

### LT-N878 | PFN-Br

Poly[(9,9-bis(3'-((N,N-dimethyl)-N-ethylammonium)-propyl)-2,7-fluorene)-alt-2,7-(9,9-dioctylfluorene)]dibromide

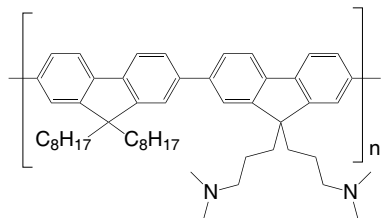
CAS No. :889672-99-5  
 Grade :Mw > 10,000 (GPC)  
 Formula : $(C_{56}H_{80}N_2Br_2)_n$   
 UV :375 nm (in MeOH)  
 PL :440 nm (in MeOH)  
 Solvent :Soluble in MeOH



### LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-((N,N-dimethylamino)propyl)-2,7-fluorene)-alt-2,7-(9,9-dioctylfluorene)]

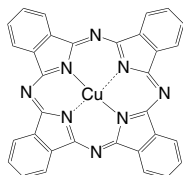
CAS No. :673474-75-4  
 Grade :Mw > 10,000 (GPC)  
 Formula : $(C_{52}H_{70}N_2)_n$   
 UV :378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :414 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solvent :Soluble in CH<sub>2</sub>Cl<sub>2</sub>, CHCl<sub>3</sub>, Toluene



## LT-E201 | CuPC

## Copper(II) phthalocyanine

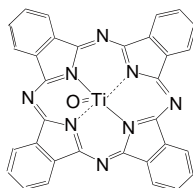
CAS No.	: 147-14-8
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}CuN_8$
M.W.	: 576.08 g/mole
UV	: 345, 631 nm (in $CH_2Cl_2$ )
PL	: 404 nm (film)
TGA	: >430°C (0.5% weight loss)



## LT-E206 | TiOPC

## Titanium oxide phthalocyanine

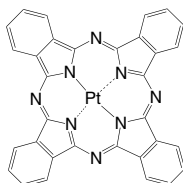
CAS No.	: 26201-32-1
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}N_8OTi$
M.W.	: 576.39 g/mole
UV	: 349,692 nm (in $CH_2Cl_2$ )
PL	: 392 nm (film)
TGA	: >440°C (0.5% weight loss)



## LT-N219 | PtPC

## Phthalocyanine platinum

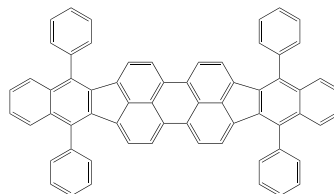
CAS No.	: 14075-08-2
Grade	: Sublimed >99% (TGA)
Formula	: $C_{32}H_{16}N_8Pt$
M.W.	: 707.6 g/mole
UV	: 228, 270 nm (in $CH_2Cl_2$ )
PL	: 372.5 nm (in $CH_2Cl_2$ )
TGA	: >460°C (0.5% weight loss)



## LT-N4003 | DBP

## Dibenzo[[f,f']-4,4',7,7'-tetraphenyl]diindeno[1,2,3-cd:1',2',3'-lm]perylene

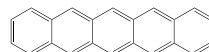
CAS No.	: 175606-05-0
Grade	: Sublimed >99% (HPLC)
Formula	: $C_{64}H_{36}$
M.W.	: 804.97 g/mole
UV	: 333 nm (in THF)
PL	: 610 nm (in THF)
TGA	: >350°C (0.5% weight loss)



## LT-S901 | Pentacene

## Pentacene

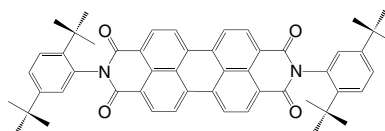
CAS No.	: 135-48-8
Grade	: Sublimed >99%
Formula	: $C_{22}H_{14}$
M.W.	: 278.35 g/mole
UV	: 300 nm (in $CH_2Cl_2$ )
PL	: 509 nm (in $CH_2Cl_2$ )
TGA	: >290°C (0.5% weight loss)



## LT-S902 | PDCDT

## N,N'-Bis(2,5-di-tert-butylphenyl)-3,4,9,10-perylene dicarboximide

CAS No.	: 83054-80-2
Grade	: Sublimed >99%
Formula	: $C_{52}H_{50}N_2O_4$
M.W.	: 766.96 g/mole
UV	: 524 nm (in $CH_2Cl_2$ )
PL	: 544, 574 nm (in $CH_2Cl_2$ )
TGA	: >350°C (0.5% weight loss)



LT-S903 | C<sub>60</sub>Fullerene-C<sub>60</sub>

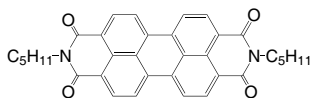
CAS No.	: 99685-96-8
Grade	: >99.5% (HPLC)
Formula	: C <sub>60</sub>
M.W.	: 720.64 g/mole
UV	: 251 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >450 °C (0.5% weight loss)



## LT-S904 | PenPTC

*N,N'*-Dipentyl-3,4,9,10-perylene dicarboximide

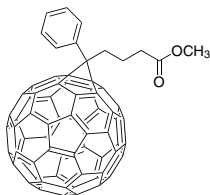
CAS No.	: 76372-75-3
Grade	: Sublimed >99%
Formula	: C <sub>34</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 530.61 g/mole
UV	: 523 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 535, 573 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >350 °C (0.5% weight loss)



## LT-S905 | PCBM

(6,6)-Phenyl C<sub>61</sub> butyric acid methyl ester

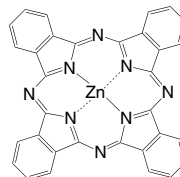
CAS No.	: 160848-22-6
Grade	: >99.5% (HPLC)
Formula	: C <sub>72</sub> H <sub>14</sub> O <sub>2</sub>
M.W.	: 910.88 g/mole
UV	: 258, 328 nm (in THF)



## LT-S906 | ZnPC

Zinc phthalocyanine

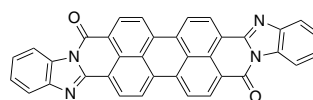
CAS No.	: 14320-04-8
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Zn
M.W.	: 577.92 g/mole
PL	: 534 nm (in CH <sub>2</sub> Cl <sub>2</sub> )



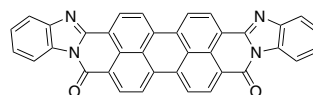
## LT-S918 | PTCBI

Bisbenzimidazo[2,1-a:1',2-b]anthra[2,1,9-def,6,5,10-d'e'f] diisoguinoline-10,21-dione, with *cis* isomer

CAS No.	: 79534-91-1
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>
M.W.	: 536.54 g/mole
PL	: 414 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >420 °C (0.5% weight loss)



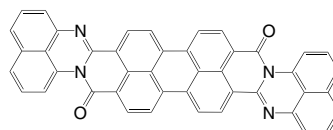
+



## LT-S919 | ADIDI

Anthra[2',1'',9'':4,5,6:6',5',10':4',5',6']diisoquino[2,1-a:2',1'-a'] dipiperidine-12,25-dione, with *cis* isomer

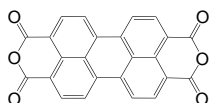
CAS No.	: 6859-32-1
Grade	: Sublimed >99%
Formula	: C <sub>44</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
M.W.	: 636.66 g/mole
PL	: 413 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >430 °C (0.5% weight loss)



## LT-S920 | PTCDA

3,4,9,10-Perylenetetracarboxylic dianhydride

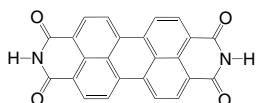
CAS No. : 128-69-8  
 Grade : Sublimed >99%  
 Formula :  $C_{24}H_8O_6$   
 M.W. : 392.32 g/mole  
 PL : 413 nm (in  $CH_2Cl_2$ )  
 TGA : >450 °C (0.5% weight loss)



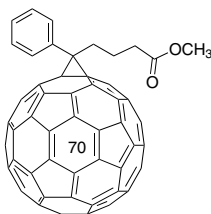
## LT-S921 | PTCDI

3,4,9,10-Perylenetetracarboxylic diimide

CAS No. : 81-33-4  
 Grade : Sublimed >99%  
 Formula :  $C_{24}H_{10}N_2O_4$   
 M.W. : 390.35 g/mole  
 PL : 413 nm (in  $CH_2Cl_2$ )  
 TGA : >450 °C (0.5% weight loss)

LT-S923 | PC<sub>71</sub>BM(6,6)-Phenyl C<sub>71</sub> butyric acid methyl ester, mixture of isomers

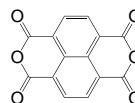
CAS No. : 609771-63-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{82}H_{14}O_2$   
 M.W. : 1030.93 g/mole  
 UV : 372 nm (in Toluene)  
 TGA : >360 °C (0.5% weight loss)



## LT-S924 | NTCDA

1,4,5,8-Naphthalenetetracarboxylic dianhydride

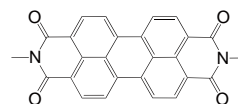
CAS No. : 81-30-1  
 Grade : Sublimed >99%  
 Formula :  $C_{14}H_4O_6$   
 M.W. : 268.18 g/mole  
 UV : 366 nm (in  $CH_2Cl_2$ )  
 PL : 394 nm (in  $CH_2Cl_2$ )



## LT-S925 | MePTC

*N,N'*-Dimethyl-3,4,9,10-perylene dicarboximide

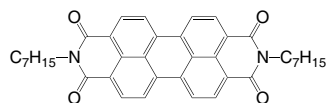
CAS No. : 5521-31-3  
 Grade : Sublimed product  
 Formula :  $C_{26}H_{14}N_2O_4$   
 M.W. : 418.4 g/mole  
 UV : 522 nm (in  $CH_2Cl_2$ )  
 PL : 571 nm (in  $CH_2Cl_2$ )  
 TGA : >440 °C (0.5% weight loss)



## LT-S926 | HepPTC

*N,N'*-Diheptyl-3,4,9,10-perylene dicarboximide

CAS No. : 95689-91-1  
 Grade : Sublimed >99%  
 Formula :  $C_{38}H_{38}N_2O_4$   
 M.W. : 586.72 g/mole  
 UV : 524 nm (in  $CH_2Cl_2$ )  
 PL : 537, 571 nm (in  $CH_2Cl_2$ )  
 TGA : >390 °C (0.5% weight loss)

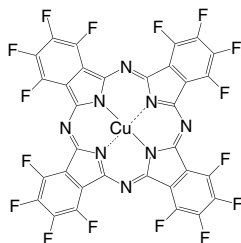




LT-S928 | F<sub>16</sub>CuPC

Copper(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

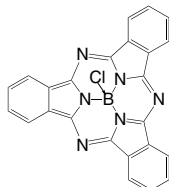
CAS No.	: 14916-87-1
Grade	: Sublimed product
Formula	: C <sub>32</sub> CuF <sub>16</sub> N <sub>8</sub>
M.W.	: 863.93 g/mole
UV	: 690 nm (in THF)
TGA	: >400 °C (0.5% weight loss)



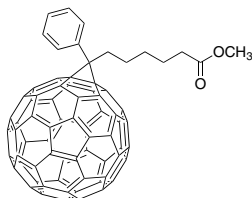
## LT-S943 | SubPC

Boron subphthalocyanine chloride

CAS No.	: 36530-06-0
Grade	: Sublimed >99%
Formula	: C <sub>24</sub> H <sub>12</sub> BN <sub>6</sub> Cl
M.W.	: 430.66 g/mole
UV	: 565 nm (in DMF)
PL	: 577 nm (in DMF)
TGA	: >340 °C (0.5% weight loss)

LT-S946 | PC<sub>61</sub>HM(6,6)-Phenyl-C<sub>61</sub> methyl-hexanoate

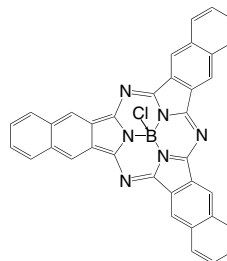
CAS No.	: 1242279-48-6
Grade	: >99% (HPLC)
Formula	: C <sub>74</sub> H <sub>18</sub> O <sub>2</sub>
M.W.	: 938.93 g/mole
UV	: 328 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >350 °C (0.5% weight loss)



## LT-S947 | SubNC

Boron sub-2,3-naphthalocyanine chloride

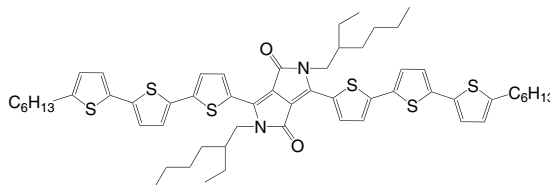
CAS No.	: 142710-56-3
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>18</sub> BClN <sub>6</sub>
M.W.	: 580.83 g/mole
UV	: 658 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >370 °C (0.5% weight loss)



## LT-S952 | SMDPPEH

2,5-Di-(2-ethylhexyl)-3,6-bis-(5''-n-hexyl-[2,2',5',2'']terthiophen-5-yl)-pyrrolo[3,4-c]pyrrole-1,4-dione

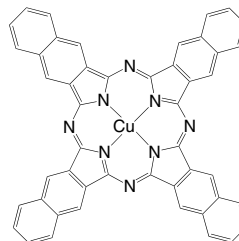
CAS No.	: 1093468-95-1
Grade	: >98% (NMR)
Formula	: C <sub>58</sub> H <sub>72</sub> N <sub>2</sub> O <sub>2</sub> S <sub>6</sub>
M.W.	: 1021.59 g/mole
UV	: 644 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >370 °C (0.5% weight loss)



## LT-S962 | CuNC

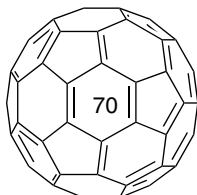
Copper(II) 2,3-naphthalocyanine

CAS No.	: 33273-09-5
Grade	: Sublimed >99% (TGA)
Formula	: C <sub>48</sub> H <sub>24</sub> CuN <sub>8</sub>
M.W.	: 776.30 g/mole
UV	: 681 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >430 °C (0.5% weight loss)



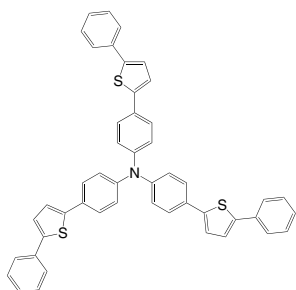
**LT-S967** | C<sub>70</sub>(5,6)-Fullerene-C<sub>70</sub>

CAS No. : 115383-22-7  
 Grade : >99% (HPLC)  
 Formula : C<sub>70</sub>  
 M.W. : 840.75 g/mole  
 UV : 344, 382 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >450 °C (0.5% weight loss)

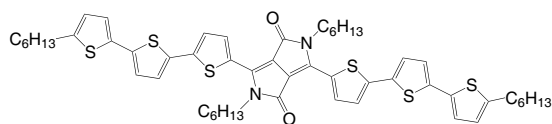
**LT-S984** | TPTPA

Tris(4-(5-phenylthiophen-2-yl)phenyl)amine

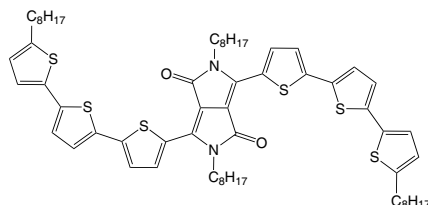
CAS No. : 803727-09-5  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>48</sub>H<sub>33</sub>NS<sub>3</sub>  
 M.W. : 719.98 g/mole  
 UV : 416 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >270 °C (0.5% weight loss)

**LT-S985** | SMDPPP2,5-Dihexyl-3,6-bis-(5'-*n*-hexyl-[2,2',5',2'']terthiophen-5-yl)-pyrrolo[3,4-*c*]pyrrole-1,4-dione

CAS No. : 1077629-69-6  
 Grade : >98% (NMR)  
 Formula : C<sub>54</sub>H<sub>64</sub>N<sub>2</sub>O<sub>2</sub>S<sub>6</sub>  
 M.W. : 965.49 g/mole  
 UV : 644 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >310 °C (0.5% weight loss)

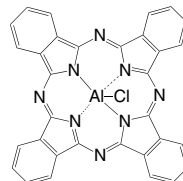
**LT-S986** | SMDPPO2,5-Dioctyl-3,6-bis-(5''-*n*-hexyl-[2,2',5',2'']terthiophen-5-yl)-pyrrolo[3,4-*c*]pyrrole-1,4-dione

CAS No. : 1435933-95-1  
 Grade : >98% (NMR)  
 Formula : C<sub>58</sub>H<sub>72</sub>N<sub>2</sub>O<sub>2</sub>S<sub>6</sub>  
 M.W. : 1021.59 g/mole  
 UV : 644 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >280 °C (0.5% weight loss)

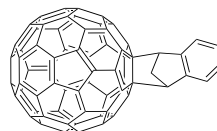
**LT-S9025** | AIPCCI

Aluminum phthalocyanine chloride

CAS No. : 14154-42-8  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>16</sub>AlClN<sub>8</sub>  
 M.W. : 574.97 g/mole  
 UV : 675 nm (in DMF)  
 TGA : >370 °C (0.5% weight loss)

**LT-S9029** | ICMAC<sub>60</sub> derivative, indene-C<sub>60</sub> monoadduct

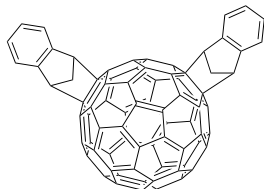
CAS No. : 172885-96-0  
 Grade : >99% (HPLC)  
 Formula : C<sub>69</sub>H<sub>8</sub>  
 M.W. : 836.82 g/mole  
 UV : 318 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >200 °C (0.5% weight loss)



## LT-S9030 | ICBA

C<sub>60</sub> derivative, indene-C<sub>60</sub> bisadduct, mixture of isomers

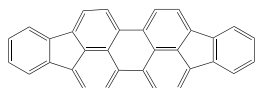
CAS No.	: 1207461-57-1
Grade	: >99% (HPLC)
Formula	: C <sub>78</sub> H <sub>16</sub>
M.W.	: 952.26 g/mole
UV	: 318 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >200 °C (0.5% weight loss)



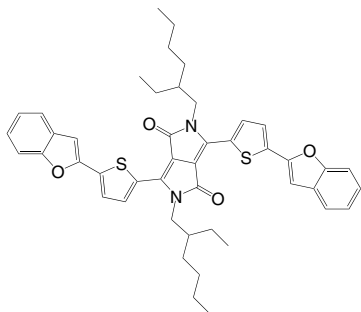
## LT-S9036 | DIP

Diindeno[1,2,3-*cd*:1',2',3'-*lm*]perylene

CAS No.	: 188-94-3
Grade	: Sublimed product
Formula	: C <sub>32</sub> H <sub>16</sub>
M.W.	: 400.47 g/mole
UV	: 494, 532 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >230 °C (0.5% weight loss)

LT-S9040 | DPP(TBFu)<sub>2</sub>3,6-Bis(5-(benzofuran-2-yl)thiophen-2-yl)-2,5-bis(2-ethylhexyl)pyrrolo[3,4-*c*]pyrrole-1,4(2*H*,5*H*)-dione

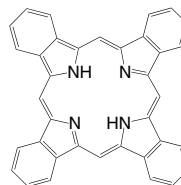
CAS No.	: 1241836-03-2
Grade	: >99% (NMR)
Formula	: C <sub>46</sub> H <sub>48</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>
M.W.	: 757.01 g/mole
UV	: 584, 629 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >330 °C (0.5% weight loss)



## LT-S9044 | BP

Tetrabenzoporphine

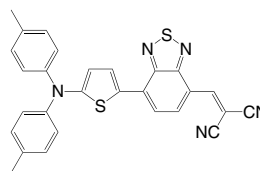
CAS No.	: 52952-31-5
Grade	: Sublimed product
Formula	: C <sub>36</sub> H <sub>22</sub> N <sub>4</sub>
M.W.	: 510.59 g/mole
TGA	: >200 °C (0.5% weight loss)



## LT-S9046 | DTDCTB

2-((7-(5-(Di-*p*-tolylamino)thiophen-2-yl)benzo[*c*][1,2,5]thiadiazol-4-yl)methylene)malononitrile

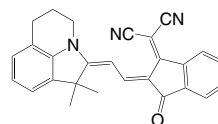
CAS No.	: 1335150-09-8
Grade	: >99% (HPLC)
Formula	: C <sub>28</sub> H <sub>19</sub> N <sub>5</sub> S <sub>2</sub>
M.W.	: 489.61 g/mole
UV	: 398, 622 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >280 °C (0.5% weight loss)



## LT-S9047 | HB194

2-((Z)-2-((E)-2-(1,1-Dimethyl-5,6-dihydro-1*H*-pyrrolo[3,2,1-*ij*]quinolin-2(4*H*)-ylidene)ethylidene)-3-oxo-2,3-dihydro-1*H*-inden-1-ylidene)malononitrile

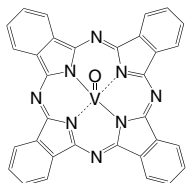
CAS No.	: 1207961-82-7
Grade	: >99% (HPLC)
Formula	: C <sub>27</sub> H <sub>21</sub> N <sub>3</sub> O
M.W.	: 403.48 g/mole
UV	: 481, 577 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >280 °C (0.5% weight loss)



## LT-S9053 | VOPC

Oxyvanadium phthalocyanine

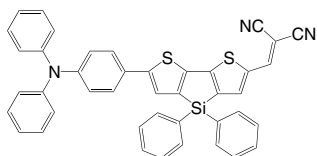
CAS No. : 13930-88-6  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}N_8O$   
 M.W. : 579.47 g/mole  
 UV : 338, 684 nm (in  $CH_2Cl_2$ )



## LT-S9056 | TPDCDTS

2-(6-(4-(Diphenylamino)phenyl)-4,4'-diphenyl-dithieno[3,2-b:2',3'-d']silol-2-yl)-methylene-malononitrile

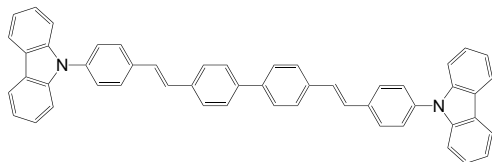
CAS No. : 1321562-79-1  
 Grade : >99% (HPLC)  
 Formula :  $C_{42}H_{27}N_3S_2Si$   
 M.W. : 665.90 g/mole  
 TGA : >250 °C (0.5% weight loss)



## LT-S9058 | BSB4

4,4'-Bis(4-(9H-carbazol-9-yl)styryl)biphenyl

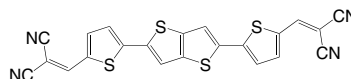
CAS No. : 850594-34-2  
 Grade : Sublimed >99%  
 Formula :  $C_{52}H_{36}N_2$   
 M.W. : 688.86 g/mole  
 UV : 367 nm (in THF)  
 PL : 424, 444 nm (in THF)  
 TGA : >320 °C (0.5% weight loss)



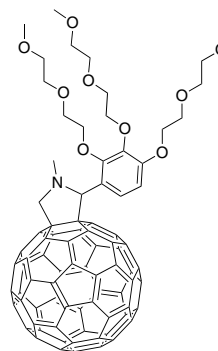
## LT-S9061 | FT2TDMN

2,2'-(5,5'-(Thieno[3,2-b]thiophene-2,5-diyl)bis(thiophene-5,2-diyl))bis(methan-1-yl-1-ylidene)dimalononitrile

CAS No. : 1432613-96-1  
 Grade : Sublimed >99%  
 Formula :  $C_{22}H_8N_4S_4$   
 M.W. : 456.59 g/mole  
 UV : 499 nm (in Toluene)  
 TGA : >350 °C (0.5% weight loss)

LT-S9071 | PrC<sub>60</sub>MA*C*<sub>60</sub>-*N,N,N*-trimethyl-1-(2,3,4-tris(2-(2-methoxyethoxy)ethoxy)phenyl)methanaminium monoadduct

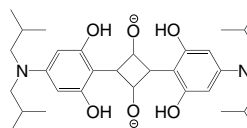
CAS No. : 1373957-22-2  
 Grade : >99% (HPLC)  
 Formula :  $C_{84}H_{41}NO_9$   
 M.W. : 1208.26 g/mole  
 TGA : >300 °C (0.5% weight loss)



## LT-S9074 | DIBSQ

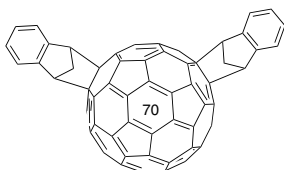
2,4-Bis(4-(diisobutylamino)-2,6-dihydroxyphenyl)cyclobutane-1,3-bis(olate)

CAS No. : 432493-75-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{32}H_{48}N_2O_6$   
 M.W. : 556.7 g/mole  
 TGA : >270 °C (0.5% weight loss)

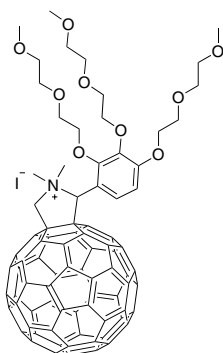


**LT-S9078** | IC<sub>70</sub>BAIndene-C<sub>70</sub> bisadduct, mixture of isomers

CAS No. : 1563175-93-8  
 Grade : >99% (HPLC)  
 Formula : C<sub>88</sub>H<sub>16</sub>  
 M.W. : 1073.04 g/mole  
 UV : 290 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >180 °C (0.5% weight loss)

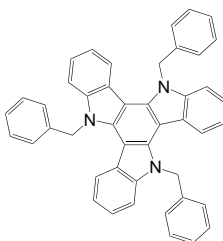
**LT-S9079** | PrC<sub>60</sub>MA Iodide saltC<sub>60</sub>-N,N,N-Trimethyl-1-(2,3,4-tris(2-(2-methoxyethoxy)ethoxy)phenyl)dimethanaminium monoadduct iodide salt

CAS No. : 1373957-23-3  
 Grade : >99% (HPLC)  
 Formula : C<sub>85</sub>H<sub>44</sub>INO<sub>9</sub>  
 M.W. : 1386.23 g/mole

**LT-S9084** | TBDI

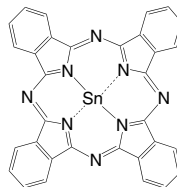
5,10,15-Tribenzyl-10,15-dihydro-5H-diindolo[3,2-a:3',2'-c]carbazole

CAS No. : 1092536-44-1  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>45</sub>H<sub>33</sub>N<sub>3</sub>  
 M.W. : 615.76 g/mole  
 TGA : >270 °C (0.5% weight loss)

**LT-S9086** | SnPC

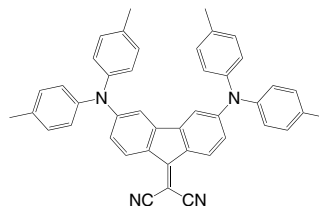
Tin(II) phthalocyanine

CAS No. : 15304-57-1  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Sn  
 M.W. : 631.23 g/mole

**LT-S9089** | 3,6-DTNFMN

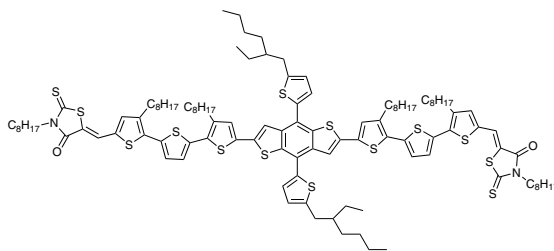
2-(3,6-Bis(di-p-tolylamino)-9H-fluorene-9-ylidene)malononitrile

CAS No. : 1527494-19-4  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>44</sub>H<sub>34</sub>N<sub>4</sub>  
 M.W. : 618.77 g/mole  
 UV : 291, 493 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >280 °C (0.5% weight loss)

**LT-S9123** | SMPV1

2,6-Bis[2,5-bis(3-octylrhodanine)-(3,3-dioctyl-2,2':5,2''-terthiophene)]-4,8-bis((5-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene

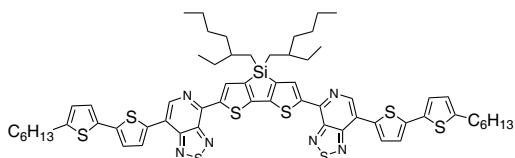
CAS No. : 1651168-29-4  
 Grade : >99% (NMR)  
 Formula : C<sub>114</sub>H<sub>152</sub>N<sub>2</sub>O<sub>2</sub>S<sub>14</sub>  
 M.W. : 2031.35 g/mole  
 UV : 360, 504 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



**LT-S9124** | DTS(PTTh2)2

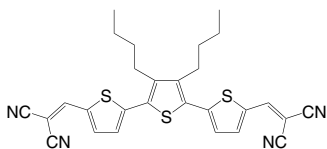
5,5'-Bis(4-(7-hexylthiophen-2-yl)thiophen-2-yl)-[1,2,5]thiadiazolo[3,4-c]pyridine-3,3'-di-2-ethylhexylsilylene-2,2'-bithiophene

CAS No. : 1351374-94-1  
 Grade : >99% (NMR)  
 Formula : C<sub>62</sub>H<sub>72</sub>N<sub>6</sub>S<sub>8</sub>Si  
 M.W. : 1185.88 g/mole  
 UV : 366, 645 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

**LT-S9125** | DCV3T

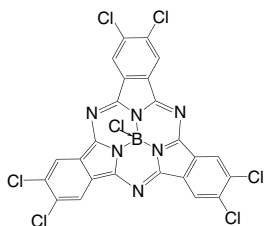
3',4'-Dibutyl-5,5'-bis(dicyanovinyl)-2,2':5',2''-terthiophene

CAS No. : 908588-68-1  
 Grade : >99% (HPLC)  
 Formula : C<sub>28</sub>H<sub>24</sub>N<sub>4</sub>S<sub>3</sub>  
 M.W. : 512.71 g/mole  
 UV : 498 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

**LT-S9149** | Cl<sub>6</sub>SubPC

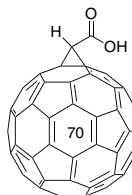
2,3,9,10,16,17-Hexachlorinated boron subphthalocyanine chloride

CAS No. : 309963-65-3  
 Grade : Sublimed >99%  
 Formula : C<sub>24</sub>H<sub>6</sub>BCl<sub>7</sub>N<sub>6</sub>  
 M.W. : 637.33 g/mole  
 UV : 578 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >300 °C (0.5% weight loss)

**LT-S9157** | C<sub>70</sub>-COOH

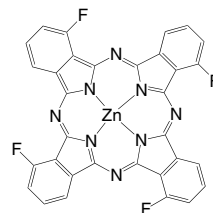
3'H-Cyclopropa[8,25][5,6]fullerene-C<sub>70</sub>-3'-carboxylic acid

CAS No. : 180777-24-6  
 Grade : >99%  
 Formula : C<sub>72</sub>H<sub>2</sub>O<sub>2</sub>  
 M.W. : 898.79 g/mole  
 UV : 353, 370, 406 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

**LT-S9171** | F<sub>4</sub>ZnPC

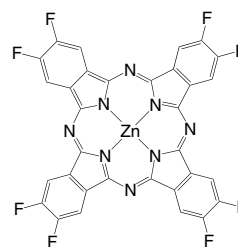
Zinc(II)-1,8,15,22-tetrafluoro-29H,31H-phthalocyanine, mixture of isomers

CAS No. : 1120355-28-3  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>12</sub>F<sub>4</sub>N<sub>8</sub>Zn  
 M.W. : 649.89 g/mole  
 UV : 681 nm (in CHCl<sub>3</sub>)  
 TGA : >250 °C (0.5% weight loss)

**LT-S9172** | F<sub>8</sub>ZnPC

Zinc(II)-2,3,9,10,16,17,23,24-octafluoro-29H,31H-phthalocyanine

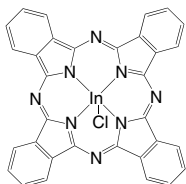
CAS No. : 676519-80-5  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>8</sub>F<sub>8</sub>N<sub>8</sub>Zn  
 M.W. : 721.86 g/mole  
 UV : 338, 656 nm (in DMF)  
 TGA : >300 °C (0.5% weight loss)



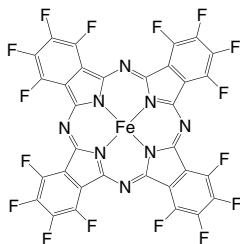
## LT-S9176 | InClPC

Indium(III) phthalocyanine chloride

CAS No.	: 19631-19-7
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}ClInN_8$
M.W.	: 662.79 g/mole
UV	: 358, 683 nm (in $CHCl_3$ )
TGA	: >300 °C (0.5% weight loss)

LT-S9177 |  $F_{16}$ FePCIron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29*H*,31*H*-phthalocyanine

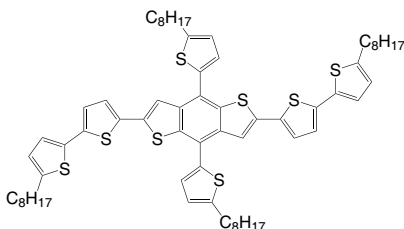
CAS No.	: 23844-93-1
Grade	: Sublimed >99%
Formula	: $C_{32}F_{16}FeN_8$
M.W.	: 856.22 g/mole
UV	: 333, 627 nm (in Acetone)
TGA	: >300 °C (0.5% weight loss)



## LT-S9179 | BDT2TH

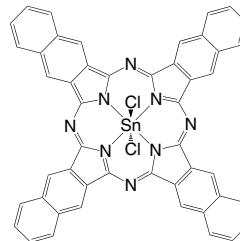
2,6-Bis[(5'-octyl)[2,2'-bithiophene]][4,8-bis(5-octyl-2-thienyl)benzo[1,2-b:4,5-b']dithiophene]

Grade	: >99% (NMR)
Formula	: $C_{66}H_{82}S_8$
M.W.	: 1131.88 g/mole
UV	: 249, 359, 442 nm (in $CHCl_3$ )

LT-S9180 |  $SnNCCL_2$ 

Tin(IV) 2,3-naphthalocyanine dichloride

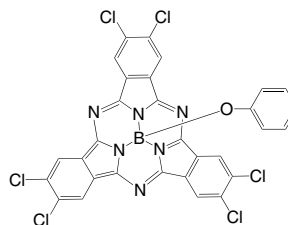
CAS No.	: 26857-61-4
Grade	: Sublimed product
Formula	: $C_{48}H_{24}Cl_2N_8Sn$
M.W.	: 902.37 g/mole
TGA	: >300 °C (0.5% weight loss)



## LT-S9181 | PhO-BSubPC

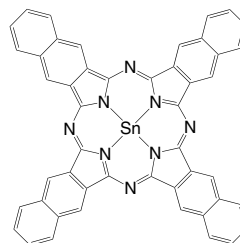
[2,3,9,10,16,17-Hexachloro-7,12:14,19-diimino-21,5-nitrilo-5*H*-tribenzo[*c,h,m*][1,6,11]triazacyclopentadecinato(2-)-*N*22,*N*23,*N*24]phenoxy-Boron

CAS No.	: 1309390-01-9
Grade	: >99% (HPLC)
Formula	: $C_{30}H_{11}BCl_6N_6O$
M.W.	: 694.98 g/mole
UV	: 267, 318, 569 nm (in $CHCl_3$ )

LT-S9182 |  $SnNC$ 

Tin(II) 2,3-naphthalocyanine

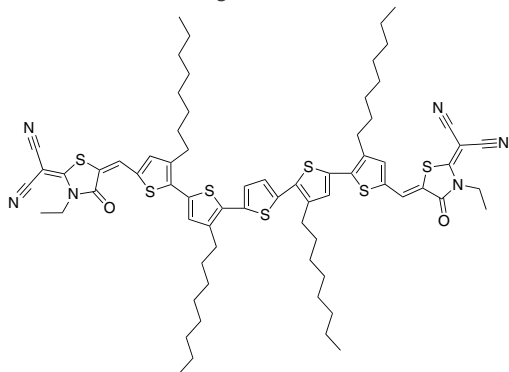
CAS No.	: 110479-58-8
Grade	: Sublimed product
Formula	: $C_{48}H_{24}N_8Sn$
M.W.	: 831.47 g/mole
TGA	: >300 °C (0.5% weight loss)



### LT-S9197 | DRCN5T NEW

2,2'-[(3,3''',3''',4'-tetraoctyl[2,2':5',2'':5'',2''':5''',2''''-quinquethiophene]-5,5''''-diyl)bis[(Z)-methylidyne(3-ethyl-4-oxo-5,2-thiazolidinediylidene)]]bis-propanedinitrile

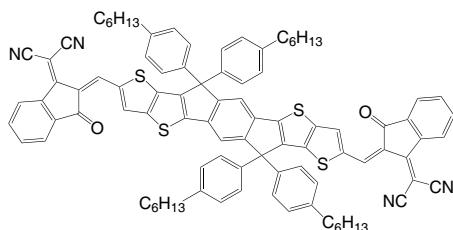
CAS No. : 1674394-69-4  
Grade : >99%  
Formula :  $C_{70}H_{86}N_6O_2S_7$   
M.W. : 1267.93 g/mole



### LT-S9212 | ITIC

3,9-Bis(2-methylene-3-(1,1-dicyanomethylene)-indanone)-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-*d'*:2',3'-*d''*]-s-indaceno[1,2-*b'*:5,6-*b''*]-dithiophene

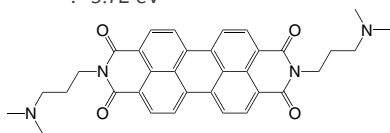
CAS No. : 1664293-06-4  
Grade : >98% (HPLC)  
Formula :  $C_{94}H_{82}N_4O_2S_4$   
M.W. : 1427.94 g/mole



### LT-S9268 | PDIN

2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

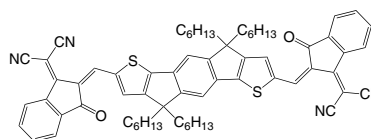
CAS No. : 117901-97-0  
Formula :  $C_{34}H_{32}N_4O_4$   
M.W. : 560.64 g/mole  
HOMO : -6.05 eV  
LUMO : -3.72 eV



### LT-S9279 | IDIC

2,2'-[(4,4,9,9-Tetrahexyl-4,9-dihydro-s-indaceno[1,2-*b'*:5,6-*b''*]-dithiophene-2,7-diyl)bis[methylidyne(3-oxo-1*H*-indene-2,1(3*H*)-diylidene)]]bis-propanedinitrile

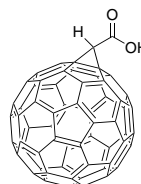
CAS No. : 1883441-92-6  
Grade : >98% (HPLC)  
Formula :  $C_{66}H_{66}N_4O_2S_2$   
M.W. : 1011.39 g/mole  
UV : 664 nm (in  $CH_2Cl_2$ )  
HOMO : -5.69 eV  
LUMO : -3.91 eV  
PCE : 8.71% (with PDBT-T1)



### LT-S9281 | $C_{60}$ -COOH

3*H*-Cyclopropa[1,9][5,6]fullerene- $C_{60}$ -1*H*-3'-carboxylic acid

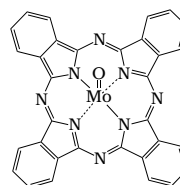
CAS No. : 155116-19-1  
Grade : >99%  
Formula :  $C_{62}H_2O_2$   
M.W. : 778.68 g/mole



### LT-S9283 | MoOPC

Oxo-phthalocyaninato-molybdenum (IV)

CAS No. : 15746-68-6  
Grade : Sublimed >99%  
Formula :  $C_{32}H_{16}MoN_8O$   
M.W. : 624.46 g/mole

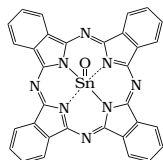




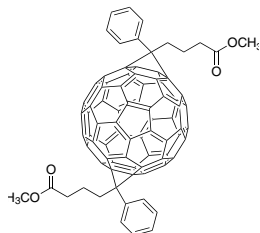
## LT-S9284 | SnOPC

Oxo-phthalocyaninato-tin (IV)

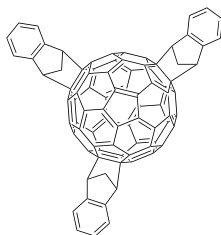
CAS No. : 57156-42-0  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{16}N_8OSn$   
 M.W. : 647.23 g/mole

LT-S9422 | Bis PC<sub>62</sub>BM3''H,3''H-Dicyclopropa[1,9:16,17][5,6]-fullerene-C<sub>60</sub>-Ih-3',3''-dibutanoic acid, 3',3''-diphenyl-3',3''-dimethyl ester, stereoisomer

CAS No. : 1048679-01-1  
 Grade : >99.5%  
 Formula :  $C_{84}H_{28}O_4$   
 M.W. : 1101.12 g/mole

LT-S9423 | IC<sub>60</sub>TA1',1'',1''',4',4'',4'''-Hexahydrotri[1,4]methanonaphtho[2',3':1,2;2'',3'':23,42;2''',3''':32,50][5,6]fullerene-C<sub>60</sub>-Ih

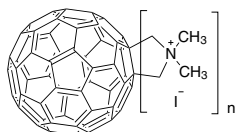
CAS No. : 1363385-54-9  
 Grade : >96%  
 Formula :  $C_{87}H_{24}$   
 M.W. : 1069.12 g/mole



## LT-S9424

C60-(N,N-dimethyl pyrrolidinium iodide) Adduct

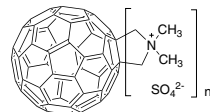
Grade : >99%  
 Formula :  $C_{60}(C_4H_{10}NI)_n$



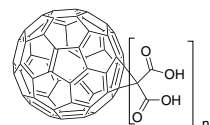
## LT-S9425

C60-n-(N,N-dimethylpyrrolidinium sulfate)

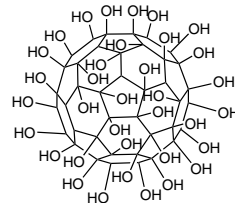
Grade : >99%  
 Formula :  $C_{60}(C_4H_{10}NSO_4)_n$

LT-S9426 | C<sub>60</sub>-(malonic acid)<sub>n</sub>

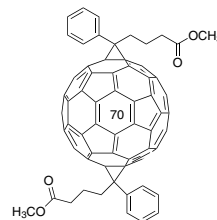
Grade : >99% n > 5  
 Formula :  $C_{60}(C_3H_2O_4)_n$

LT-S9427 | Fullerol C<sub>60</sub>(OH)<sub>n</sub>

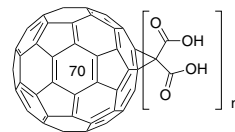
Grade : >99.5% n = 30-50  
 Formula :  $C_{60}(OH)_n$

LT-S9428 | Bis-PC<sub>72</sub>BM3''H,3''H-Dicyclopropa[8,25:53,54][5,6]-fullerene-C<sub>70</sub>-D5h(6)-3',3''-dibutanoic acid,3',3''-diphenyl-,3',3''-dimethyl ester

CAS No. : 1244023-34-4  
 Grade : >98%  
 Formula :  $C_{94}H_{28}O_4$   
 M.W. : 1221.23 g/mole

LT-S9429 | C<sub>70</sub>-(malonic acid)<sub>n</sub>

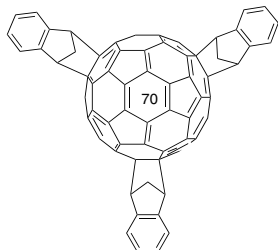
Grade : >99%  
 Formula :  $C_{70}(C_3H_2O_4)_n$



### LT-S9431 | IC<sub>70</sub>TA

Indene C70 Tris Adduct

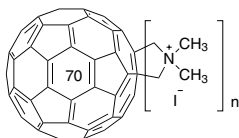
Grade : >96%  
Formula : C<sub>97</sub>H<sub>24</sub>



### LT-S9432

C70-(N,N-dimethyl pyrrolidinium iodide) Adduct

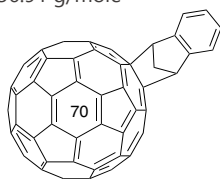
Grade : >99%  
Formula : C<sub>70</sub>(C<sub>4</sub>H<sub>10</sub>NI)<sub>n</sub>



### LT-S9433 | IC<sub>70</sub>MA

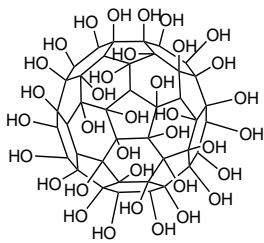
1',4'-Dihydro-1,4-methanonaphtho[2',3':8,25]fullerene-C<sub>70</sub>-D<sub>3</sub>h(6)

CAS No. : 1287237-10-8  
Grade : >98%  
Formula : C<sub>79</sub>H<sub>8</sub>  
M.W. : 956.91 g/mole



### LT-S9434 | Fullerol C<sub>70</sub>(OH)<sub>n</sub>

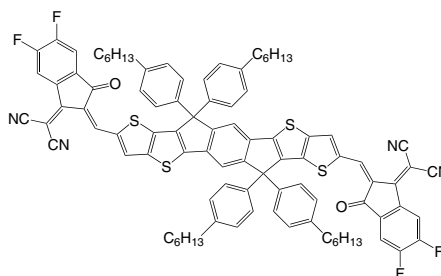
Grade : >99.5% water soluble, >50 mg/ml  
Formula : C<sub>70</sub>(OH)<sub>n</sub>



### LT-S9447 | IT-4F,ITIC-2F

2,2'-[[[6,6,12,12-Tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-diyl]bis[methylydine(5,6-difluoro-3-oxo-1H-indene-2,1(3H)-diylidene)]]bis[propanedinitrile]

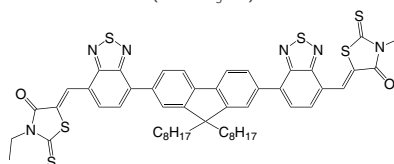
CAS No. : 2097998-59-7  
Grade : >98% (HPLC)  
Formula : C<sub>94</sub>H<sub>78</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S<sub>4</sub>  
M.W. : 1499.9 g/mole  
HOMO : -5.69 eV  
LUMO : -4.07 eV  
PCE : 13.1% (with PBDB-T-SF)e



### LT-S9466 | FBR

5,5'-[(9,9-Dioctyl-9H-fluorene-2,7-diyl)bis(2,1,3-benzothiadiazole-7,4-diylmethylydine)]bis[3-ethyl-2-thioxo-4-thiazolidinone]

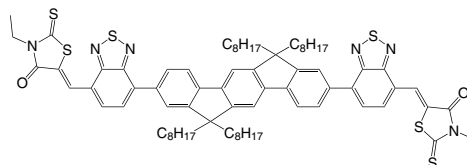
CAS No. : 1644381-95-2  
Grade : >98%  
Formula : C<sub>53</sub>H<sub>56</sub>N<sub>6</sub>O<sub>2</sub>S<sub>6</sub>  
M.W. : 1001.44 g/mole  
HOMO : -5.7 eV  
LUMO : -3.57 eV  
PCE : 4.11% (with P<sub>3</sub>HT)



### LT-S9468 | IDFBF

(5Z,5'Z)-5,5'-((7,7'-(6,6,12,12-Tetraoctyl-6,12-dihydroindeno[1,2-b]fluorene-2,8-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl))bis(methanylydene))bis(3-ethyl-2-thioxothiazolidin-4-one)

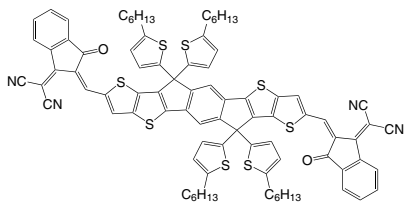
CAS No. : 2088628-64-0  
Grade : >98%  
Formula : C<sub>76</sub>H<sub>92</sub>N<sub>6</sub>O<sub>2</sub>S<sub>6</sub>  
M.W. : 1313.97 g/mole  
HOMO : -5.75 eV  
LUMO : -3.70 eV  
PCE : 11.0% (with PTB7-Th)



## LT-S9471 | ITIC-Th

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-indanone))-5,5,11,11-tetrakis(5-hexylthieryl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']-dithiophene

CAS No. : 1889344-13-1  
 Grade : >98%  
 Formula :  $C_{86}H_{74}N_4O_2S_8$   
 M.W. : 1452.05 g/mole  
 HOMO : -5.66 eV  
 LUMO : -3.93 eV  
 PCE : 9.6% (with PDBT-T1)

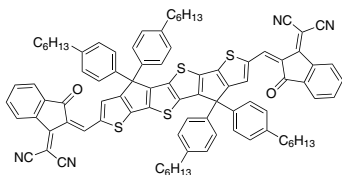


## LT-S9472 | IHIC

NEW

2,2'-[[4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydrothieno[3',2':4,5]cyclopenta[1,2-b]thieno[2'',3''':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-diyl]bis(methylidyne(3-oxo-1H-indene-2,1(3H)-diylidene))]bis-propanedinitrile

CAS No. : 2127354-15-6  
 Grade : >98% (NMR)  
 Formula :  $C_{90}H_{80}N_4O_2S_4$   
 UV : 796 nm  
 M.W. : 1377.88 g/mole  
 HOMO : -5.28 eV  
 LUMO : -3.87 eV

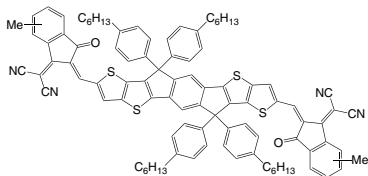


## LT-S9473 | IT-M

NEW

3,9-bis(2-methylene-(3-(1,1-dicyanomethylene)-6/7-methyl-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']-dithiophene

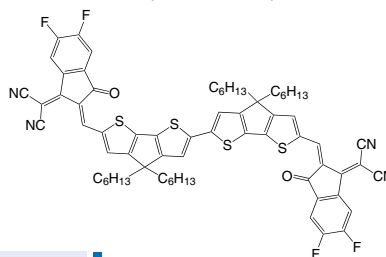
CAS No. : 2107971-73-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{96}H_{86}N_4O_2S_4$   
 M.W. : 1456 g/mole  
 HOMO : -5.58 eV  
 LUMO : -3.98 eV  
 PCE : 12% (with PBDB-T)



## LT-S9475 | CPDT-4F

2,2'-((2Z,2'Z)-((4,4,4',4'-Tetrahexyl-4H,4'H-[2,2'-bi(cyclopenta[1,2-b:5,4-b']dithiophene))-6,6'-diyl)bis(methanylylidene)bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

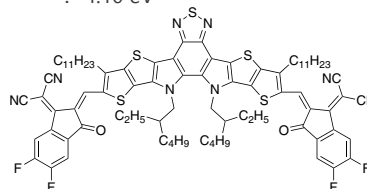
Grade : >98% (HPLC)  
 Formula :  $C_{68}H_{62}F_4N_4O_2S_4$   
 M.W. : 1171.50 g/mole  
 HOMO : -5.26 eV  
 LUMO : -3.87 eV  
 PCE : 9.47% (with PBDB-T)



## LT-S9476 | Y6(BTPPTT-4F)

2,2'-((2Z,2'Z)-((12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno-[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno-[2'',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))-bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

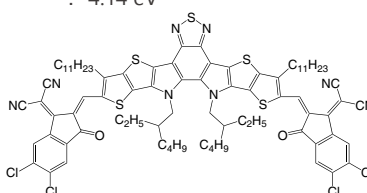
CAS No. : 2304444-49-1  
 Grade : >99% (NMR)  
 Formula :  $C_{82}H_{86}F_4N_8O_2S_5$   
 M.W. : 1451.93 g/mole  
 UV : 731 nm (in  $CHCl_3$ )  
 HOMO : -5.65 eV  
 LUMO : -4.10 eV



## LT-S9491 | Y7, BTP-4CI

2,2'-((2Z,2'Z)-((12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno-[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno-[2'',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))-bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

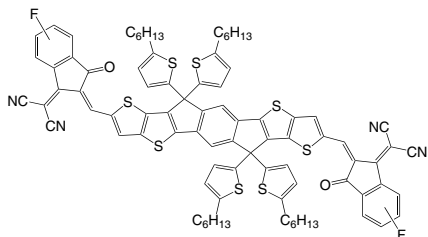
CAS NO : 2447642-40-0  
 Grade : >99% (NMR)  
 Formula :  $C_{82}H_{86}Cl_4N_8O_2S_5$   
 M.W. : 1517.75 g/mole  
 UV : 746, 839 nm (in  $CHCl_3$ )  
 HOMO : -5.68 eV  
 LUMO : -4.14 eV



## LT-S9492 | ITIC-Th1

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6/7-fluoro-indanone))-5,5,11,11-tetrakis(5-hexylthienyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

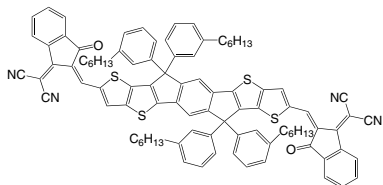
Grade	: >99% (NMR)
Formula	: C <sub>86</sub> H <sub>72</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S <sub>8</sub>
M.W.	: 1488.03 g/mole
UV	: 677 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
HOMO	: -5.74 eV
LUMO	: -4.01 eV
PCE	: 12.1% (with FTAZ)



## LT-S9493 | m-ITIC

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-indanone))-5,5,11,11-tetrakis(3-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

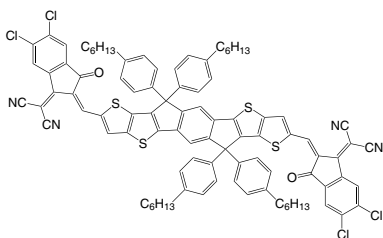
Grade	: >99% (NMR)
Formula	: C <sub>94</sub> H <sub>82</sub> N <sub>4</sub> O <sub>2</sub> S <sub>4</sub>
M.W.	: 1427.94 g/mole
HOMO	: -5.58 eV
LUMO	: -3.98 eV
PCE	: 11.77% (with J61)



## LT-S9494 | IT-4Cl,ITIC-2Cl

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6,7-dichloro-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

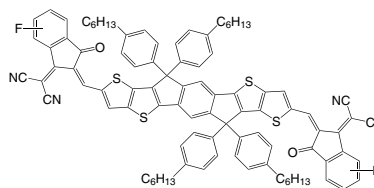
CAS No.	: 2253663-81-7
Grade	: >99% (NMR)
Formula	: C <sub>94</sub> H <sub>78</sub> Cl <sub>4</sub> N <sub>4</sub> O <sub>2</sub> S <sub>4</sub>
M.W.	: 1565.72 g/mole
HOMO	: -5.75 eV
LUMO	: -4.09 eV
PCE	: 13.45% (with PM6)



## LT-S9495 | IT-2F

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6/7-fluoro-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

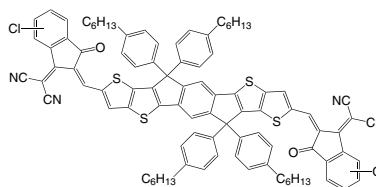
Grade	: >99% (NMR)
Formula	: C <sub>96</sub> H <sub>88</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S <sub>4</sub>
M.W.	: 1496.01 g/mole
UV	: 685, 721 nm (in CHCl <sub>3</sub> )
HOMO	: -5.41 eV
LUMO	: -3.87 eV
PCE	: 12.08% (with PBDB-T)



## LT-S9496 | IT-2Cl

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6/7-chloro-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

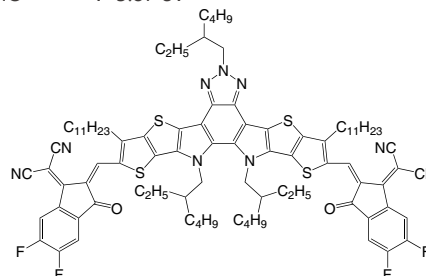
Grade	: >99% (NMR)
Formula	: C <sub>94</sub> H <sub>80</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>2</sub> S <sub>4</sub>
M.W.	: 1496.83 g/mole
UV	: 690, 735 nm (in CHCl <sub>3</sub> )
HOMO	: -5.42 eV
LUMO	: -3.90 eV
PCE	: 10.77% (with PBDB-T)



## LT-S9505 | Y11

2,2'-((2Z,2'Z)-((1,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-2-(2-ethylhexyl)-[1,2,3]triazole[3,4-e]thieno[2',3':4',5']thieno-[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno-[3,2-b]indole-2,10-diy)bis(methanylylidene))bis-(5,6-difloro-3-oxo-2,3-dihydro-1H-indene-2,1-diy)lidene)dimalononitrile

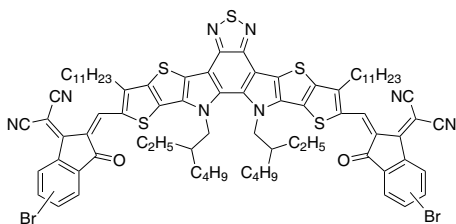
Grade	: >99% (NMR)
Formula	: C <sub>90</sub> H <sub>103</sub> F <sub>4</sub> N <sub>9</sub> O <sub>2</sub> S <sub>4</sub>
M.W.	: 1547.09 g/mole
UV	: 850 nm (film)
HOMO	: -5.69 eV
LUMO	: -3.87 eV



## LT-S9508 | TPT10

2,2'-((2Z,2'Z)-((12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]-thiadiazolo[3,4-e]thieno[2'',3''':4',5']-thieno[2',3':4,5]pyrrolo[3,2-g]thieno-[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5/6-bromo-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))-dimalononitrile

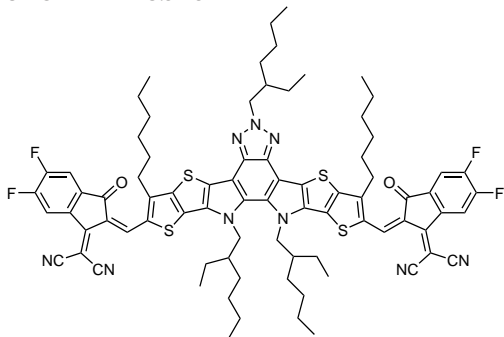
CAS No. : 2414381-17-0  
 Grade : >99% (NMR)  
 Formula :  $C_{82}H_{88}Br_2N_8O_2S_5$   
 M.W. : 1537.76 g/mole  
 UV : 817 nm (film)  
 HOMO : -5.52 eV  
 LUMO : -3.99 eV



## LT-S9544 | Y18

2,2'-((2Z,2'Z)-((12,13-Bis(2-ethylhexyl)-3,9-diundecyl-12,13-dihydro-2-(2-ethylhexyl)-[1,2,3]triazole[3,4-e]-thieno[2'',3''':4',5']thieno-[2',3':4,5]pyrrolo[3,2-g]-thieno[2',3':4,5]thieno-[3,2-b]indole-2,10-diyl)-bis(methanylylidene))bis-(5,6-difloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

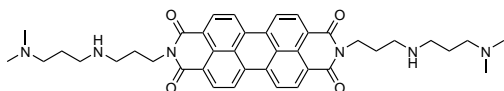
Grade : >99% (NMR)  
 Formula :  $C_{80}H_{83}F_4N_8O_2S_4$   
 M.W. : 1406.83 g/mole  
 HOMO : -5.58 eV  
 LUMO : -3.91 eV



## LT-S9545 | PDINN

2,9-Bis[3-[[3-(dimethylamino)propyl]amino]propyl]-anthra[2,1,9-def:6,5,10-d'e'f]diisoquinoline-1,3,8,10(2H,9H)-tetrone

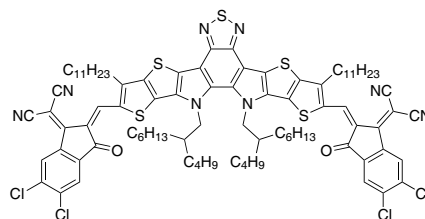
CAS No. : 1020180-01-1  
 Grade : >99% (NMR)  
 Formula :  $C_{40}H_{46}N_6O_4$   
 M.W. : 674.83 g/mole  
 Hole Mobility :  $7.1 \text{ cm}^2 / (\text{Vs})$



## LT-S9558 | Y6-BO-4Cl

2,2'-((2Z,2'Z)-((12,13-bis(2-butylloctyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno [2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

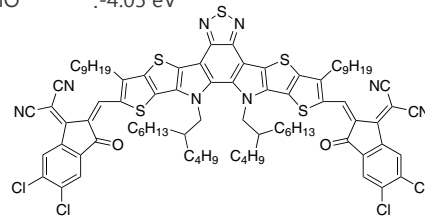
CAS No. : 2447642-41-1  
 Grade : >99% (NMR)  
 Formula :  $C_{90}H_{102}Cl_4N_8O_2S_5$   
 M.W. : 1629.96 g/mole  
 HOMO : -5.63 eV  
 LUMO : -4.04 eV



## LT-S9559 | BTP-eC9

2,2'-((2Z,2'Z)-((12,13-bis(2-butylloctyl)-3,9-dinonyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

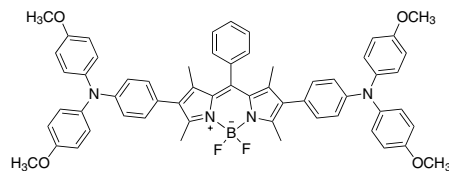
CAS No. : 2598965-39-8  
 Grade : >99% (NMR)  
 Formula :  $C_{95}H_{94}Cl_4N_8O_2S_5$   
 M.W. : 1573.89 g/mole  
 UV : 543 nm  
 HOMO : -5.64 eV  
 LUMO : -4.05 eV



## LT-S9560 | BTPA III

2,8-Bis(4-(bis(4-methoxyphenyl)amino)phenyl)-5,5-difluoro-1,3,7,9-tetramethyl-10-phenyl-5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-5-uide

Grade : >99% (NMR)  
 Formula :  $C_{59}H_{53}BF_2N_2O_4$   
 M.W. : 930.88 g/mole  
 UV : 543 nm  
 HOMO : -5.14 eV  
 LUMO : -3.34 eV



Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

## LT-S9563

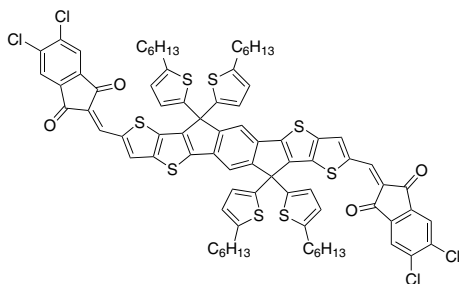
NEW

3,9-bis(2-methylene-(5,6-dichloro-1H-indene-1,3(2H)-dione))-5,5,11,11-tetrakis(5-hexylthienyl)-dithieno[2,3-d':2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

Grade : >99% (HPLC)

Formula :  $C_{80}H_{70}Cl_4O_4S_8$

M.W. : 1493.74 g/mole



## LT-S9581

L8-BO-F

2,2'-((2Z,2'Z)-((12,13-bis(2-ethylhexyl)-3,9-butyloctyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene))bis(5/6-fluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

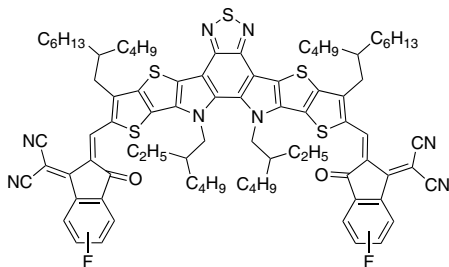
Grade : >99% (NMR)

Formula :  $C_{84}H_{92}F_2N_8O_2S_5$

M.W. : 1444.00 g/mole

HOMO : -5.59 eV

LUMO : -3.85 eV



## LT-S9582

DR8

(5Z,5'Z)-5,5'-((4-(2-butyloctyl)-4H-dithieno[3,2-b:2',3'-d']pyrrole-2,6-diyl)bis(methanylylidene))bis(3-octyl-2-thioxothiazolidin-4-one)

Grade : >99%

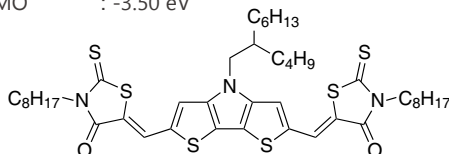
Formula :  $C_{44}H_{63}N_3O_2S_6$

M.W. : 858.38 g/mole

UV : 584 nm(in  $CHCl_3$ )

HOMO : -5.67 eV

LUMO : -3.50 eV



## LT-S9584

ITC6-4Cl

2,2'-[[[3,9-Dihexyl-6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydrodithieno[2,3-d':2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene-2,8-diyl]]bis(methylydyne(5,6-chloro-3-oxo-1H-indene-2,1(3H)-diylidene))]bispropanedinitrile

Grade : >99% (NMR)

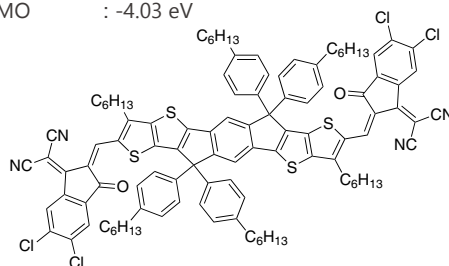
Formula :  $C_{106}H_{102}Cl_4N_4O_2S_4$

M.W. : 1734.04 g/mole

UV : 718 nm (in  $CHCl_3$ )

HOMO : -5.79 eV

LUMO : -4.03 eV



## LT-S9606

BTR

NEW

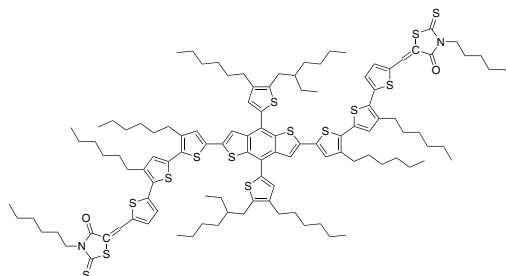
5,5'-[[[4,8-bis[5-(2-ethylhexyl)-4-hexyl-2-thienyl]]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]]bis[3',3''-dihexyl[[2,2':5',2''-terthiophene]-5'',5-diyl)methylydyne]]bis[3-hexyl-2-thioxo-4-thiazolidinone]

CAS No. : 2041283-06-9

Grade : >98%

Formula :  $C_{114}H_{152}N_2O_2S_{14}$

M.W. : 2031.41 g/mole



### LT-S9607 | DTY6

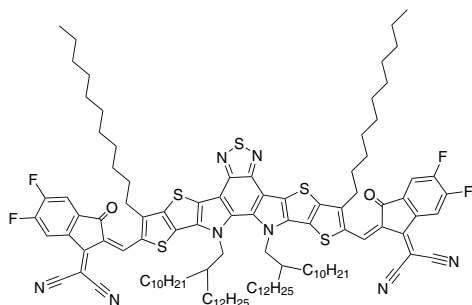
**NEW**

2,2'-((2Z,2'Z)-((12,13-bis(2-decylteradecyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diy))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diy))dimalononitrile

Grade : > 99%

Formula :  $C_{114}H_{150}F_4N_8O_2S_5$

M.W. : 1900.83 g/mole



### LT-S9608 | TPT10-C8C12

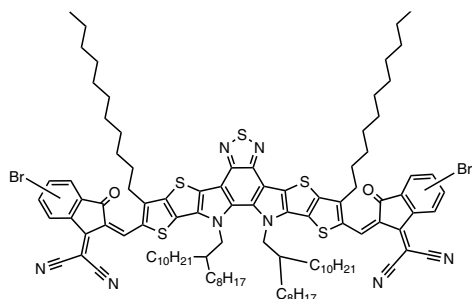
**NEW**

2,2'-[[12,13-Bis(2-octyldodecyl)-12,13-dihydro-3,9-dinonylbisthieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-e:2',3':g][2,1,3]benzothiadiazole-2,10-diy]]bis(methylydyne(5 or 6-bromo-3-oxo-1H-indene-2,1(3H)-diylidene))]bis[propanedinitrile]

Grade : > 98%

Formula :  $C_{106}H_{136}Br_2N_8O_2S_5$

M.W. : 1874.45 g/mole



### LT-S9609 | BTP-4F-12

**NEW**

2,2'-((2Z,2'Z)-((12,13-bis(2-butylloctyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diy))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diy))dimalononitrile

CAS No. : 2389125-23-7

Grade : > 98% (NMR)

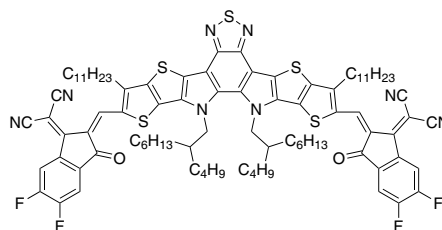
Formula :  $C_{90}H_{102}F_4N_8O_2S_5$

M.W. : 1564.14 g/mole

UV : 715 nm

HOMO : -5.68 eV

LUMO : -4.06 eV



### LT-S9707 | L8-BO

**NEW**

2,2'-((2Z,2'Z)-((12,13-bis(2-ethylhexyl)-3,9-(2-butylloctyl)-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3''':4',5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diy))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diy))dimalononitrile

CAS No : 2668341-40-8

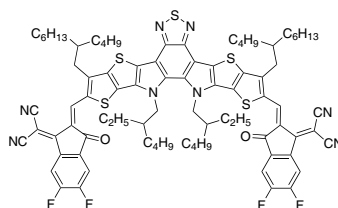
Grade : > 99% (NMR)

Formula :  $C_{84}H_{90}F_4N_8O_2S_5$

M.W. : 1479.98 g/mole

HOMO : -5.68 eV

LUMO : -3.9 eV

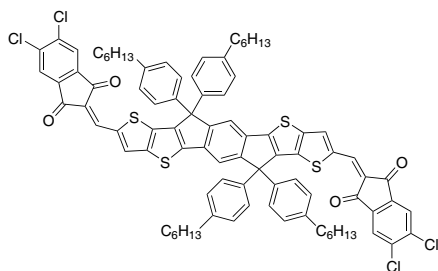


## LT-S9712 | IO-4Cl

NEW

3,9-Bis[5,6-dichloro-1H-indene-1,3(2H)dione]-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

Grade : >98% (NMR)  
 Formula :  $C_{88}H_{78}Cl_4O_4S_4$   
 M.W. : 1469.63 g/mole  
 HOMO : -5.72 eV  
 LUMO : -3.83 eV

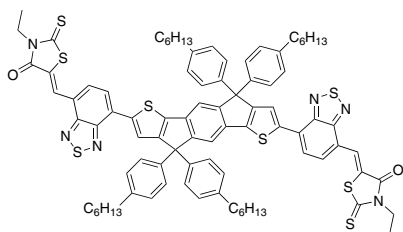


## LT-S9713 | IDT-2Br

NEW

5,5'-[[4,4,9,9-Tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl]bis(2,1,3-benzothiaziazole-7,4-diylmethylidene)]bis[3-ethyl-2-thioxo-4-thiazolidinone]

CAS No. : 2042521-91-3  
 Grade : >98% (NMR)  
 Formula :  $C_{88}H_{88}N_6O_2S_8$   
 UV : 636 nm  
 M.W. : 1518.2 g/mole  
 HOMO : -5.52 eV  
 LUMO : -3.69 eV

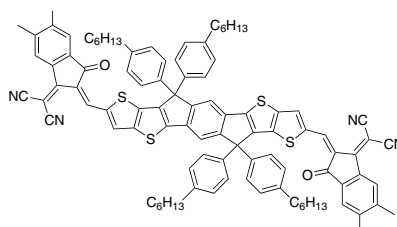


## LT-S9714 | ITIC-DM

NEW

3,9-Bis(2-methylene-(3-(1,1-dicyanomethylene)-6,7-dimethyl-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

CAS No. : 2047352-92-9  
 Grade : >98% (NMR)  
 Formula :  $C_{98}H_{90}N_4O_2S_4$   
 M.W. : 1484.05 g/mole  
 HOMO : -5.56 eV  
 LUMO : -3.93 eV

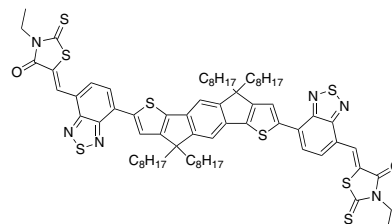


## LT-S9715 | o-IDTBR

NEW

(5Z,5'Z)-5,5'-((7,7'-(4,4,9,9-tetraoctyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(benzo[c][1,2,5]thiadiazole-7,4-diyl)bis(methanylylidene))bis(3-ethyl-2-thioxothiazolidin-4-one)

CAS No. : 2077945-91-4  
 Grade : >98% (NMR)  
 Formula :  $C_{72}H_{88}N_6O_2S_8$   
 M.W. : 1326.03 g/mole  
 HOMO : -5.56 eV  
 LUMO : -3.93 eV



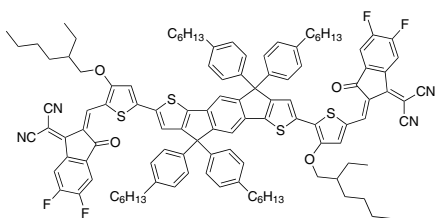


## LT-S9716 | IEICO-4F

NEW

2,2'-((2Z,2'Z)-((4,4,9-tris(4-hexylphenyl)-9-(4-pentylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(4-(2-ethylhexyl)oxythiophene-5,2-diyl))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)) dimalononitrile

CAS No. :2089044-02-8  
 Grade :>98% (NMR)  
 Formula :C<sub>114</sub>H<sub>114</sub>F<sub>4</sub>N<sub>4</sub>O<sub>4</sub>S<sub>4</sub>  
 UV :865 nm  
 M.W. :1808.4 g/mole  
 HOMO :-5.44 eV  
 LUMO :-4.16 eV

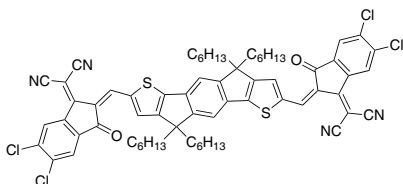


## LT-S9717 | IDIC-4Cl

NEW

2,2'-((2Z,2'Z)-(((4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)) dimalononitrile

CAS No. :2361961-01-3  
 Grade :>98% (NMR)  
 Formula :C<sub>66</sub>H<sub>62</sub>Cl<sub>4</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :1149.17 g/mole  
 HOMO :-5.72 eV  
 LUMO :-4.1 eV

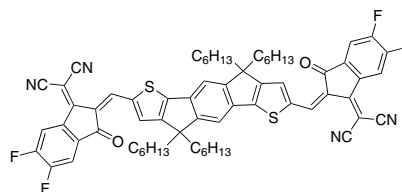


## LT-S9718 | IDIC-4F

NEW

2,2'-((2Z,2'Z)-((4,4,9,9-tetrahexyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)) dimalononitrile

CAS No. :2229934-71-6  
 Grade :>98% (NMR)  
 Formula :C<sub>66</sub>H<sub>62</sub>F<sub>4</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>  
 UV :707 nm  
 M.W. :1083.35  
 HOMO :-6.3 eV  
 LUMO :-3.82 eV

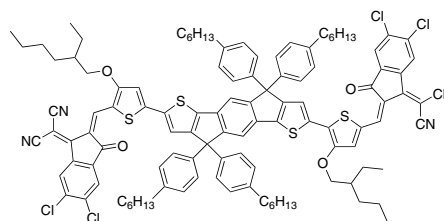


## LT-S9719 | IEICO-4Cl

NEW

2,2'-((2Z,2'Z)-(((4,4,9-tris(4-hexylphenyl)-9-(4-pentylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(4-(2-ethylhexyl)oxythiophene-5,2-diyl))bis(methanylylidene))bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)) dimalononitrile

CAS No. :2240998-88-1  
 Grade :>98% (NMR)  
 Formula :C<sub>114</sub>H<sub>114</sub>Cl<sub>4</sub>N<sub>4</sub>O<sub>4</sub>S<sub>4</sub>  
 UV :802 nm  
 M.W. :1874.22  
 HOMO :-5.56 eV  
 LUMO :-4.23 eV

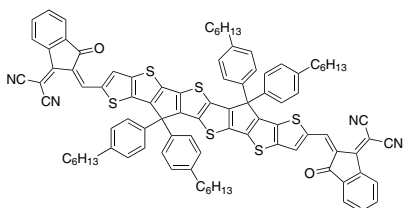


## LT-S9720 | 6TIC

NEW

2,2'-[[[6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3'':4,5']thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2''',3''':4,5']thieno[2'',3'':3',4']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-diyl]]bis[methyldiylidene(3-oxo-1H-indene-2,1(3H)-diylidene)]]bis-propanedinitrile

CAS No. :2244414-53-5  
 Grade :>98% (NMR)  
 Formula :C<sub>94</sub>H<sub>80</sub>N<sub>4</sub>O<sub>2</sub>S<sub>6</sub>  
 UV :795 nm  
 M.W. :1490.06 g/mole  
 HOMO :-5.45 eV  
 LUMO :-3.94 eV

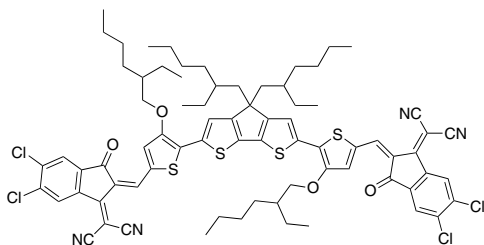


## LT-S9721 | COTIC-4Cl

NEW

2,2'-((2Z,2'Z)-((4,4-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b']dithiophene-2,6-diyl)bis(4-(2-ethylhexyloxy)thiophene-5,2-diyl))bis(methanylylidene)bis(5,6-dichloro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)dimalononitrile

CAS No. :2328092-51-7  
 Grade :>98% (NMR)  
 Formula :C<sub>75</sub>H<sub>78</sub>Cl<sub>4</sub>N<sub>4</sub>O<sub>4</sub>S<sub>4</sub>  
 UV :1005 nm  
 M.W. :1369.52 g/mole  
 HOMO :-5.24 eV  
 LUMO :-4.02 eV

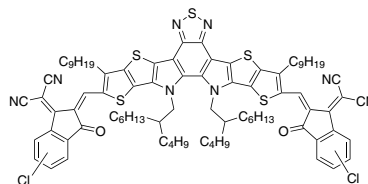


## LT-S9722 | eC9-2Cl

NEW

2,2'-[[[12,13-Bis(2-butyltolyl)-12,13-dihydro-3,9-dinonylbisthieno[2'',3'':4,5']thieno[2',3':4,5]pyrrolo[3,2-e:2',3'-g][2,1,3]benzothiadiazole-2,10-diyl]]bis[methyldiylidene(2 or 3-chloro-3-oxo-1H-indene-2,1(3H)-diylidene)]]bis[propanedinitrile]

Grade :>98% (NMR)  
 Formula :C<sub>86</sub>H<sub>96</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>2</sub>S<sub>5</sub>  
 M.W. :1504.97 g/mole  
 HOMO :-5.57 eV  
 LUMO :-3.74 eV

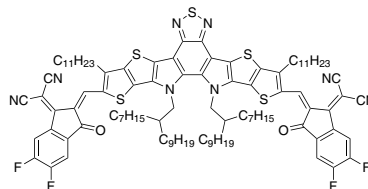


## LT-S9723 | HU-Y6

NEW

2,2'-((2Z,2'Z)-((12,13-bis(2-heptylundecyl)-3,9-diundecyl-12,13-dihydro-[1,2,5]thiadiazolo[3,4-e]thieno[2'',3'':4,5']thieno[2',3':4,5]pyrrolo[3,2-g]thieno[2',3':4,5]thieno[3,2-b]indole-2,10-diyl)bis(methanylylidene)bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)dimalononitrile

Grade :>98% (NMR)  
 Formula :C<sub>102</sub>H<sub>126</sub>F<sub>4</sub>N<sub>8</sub>O<sub>2</sub>S<sub>5</sub>  
 M.W. :1732.46 g/mole

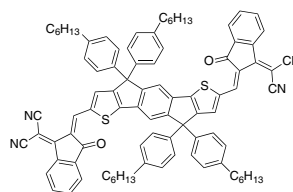


## LT-S9724 | IDPC

NEW

2,2'-((2Z,2'Z)-((4,4,9,9-tetrakis(4-hexylphenyl)-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene)bis(3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)dimalononitrile

CAS No. :2095504-33-7  
 Grade :>98% (NMR)  
 Formula :C<sub>90</sub>H<sub>82</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :1315.77 g/mole

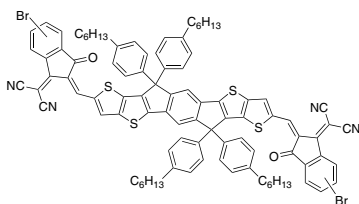


## LT-S9725 | IT-2Br

NEW

3,9-Bis(2-methylene-((3-(1,1-dicyanomethylene)-6/7-bromo-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene

CAS No. :2408481-69-4  
 Grade :>98% (NMR)  
 Formula :C<sub>94</sub>H<sub>80</sub>Br<sub>2</sub>N<sub>4</sub>O<sub>2</sub>S<sub>4</sub>  
 UV :741 nm  
 M.W. :1585.73 g/mole  
 HOMO :-5.53 eV  
 LUMO :-3.9 eV

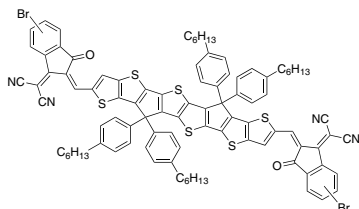


## LT-S9726 | 6TIC-Br

NEW

2,2'-[[6,6,12,12-tetrakis(4-hexylphenyl)-6,12-dihydro-Thieno[2'',3''':4,5]thieno[3',2':4,5]cyclopenta[1,2-b]thieno[2''',3''':4'',5'']thieno[2'',3''':4'',5'']cyclopenta[1',2':4,5]thieno[2,3-d]thiophene-2,7-diy]]bis[methylidyne(2 or 3-chloro-3-oxo-1H-indene-2,1(3H)-diylidene)]bis-propanedinitrile

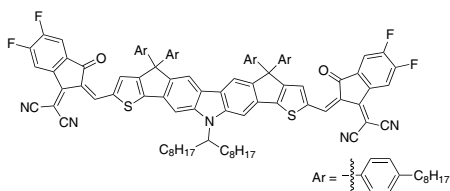
Grade :>98% (NMR)  
 Formula :C<sub>94</sub>H<sub>78</sub>Br<sub>2</sub>N<sub>4</sub>O<sub>2</sub>S<sub>6</sub>  
 M.W. :1647.85 g/mole



## LT-S9742 | DTCCIC-4F

NEW

CAS No. :2375196-39-5  
 Formula :C<sub>121</sub>H<sub>131</sub>F<sub>4</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :1827.5 g/mole  
 UV :703 nm (in DCM)  
 HOMO :-5.8 eV  
 LUMO :-3.94 eV  
 Synonym :DTC(4Ph)-4FIC

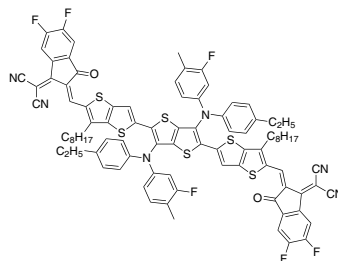


## LT-S9836 | 3TT-C2-F

NEW

2,2'-((2Z,2'Z)-((3',6'-bis(4-ethylphenyl)(3-fluoro-4-methylphenyl)amino)-6,6''-dioctyl-[2,2':5',2''-terthieno[3,2-b]thiophene]-5,5''-diyl))bis(methanylylidene))bis(5,6-difluoro-3-oxo-2,3-dihydro-1H-indene-2,1-diylidene))dimalononitrile

Grade :NMR >99%  
 Formula :C<sub>90</sub>H<sub>72</sub>F<sub>6</sub>N<sub>6</sub>O<sub>2</sub>S<sub>6</sub>  
 M.W. :1575.95 g/mole  
 UV :712 nm (in CHCl<sub>3</sub>)  
 HOMO :-5.56 eV  
 LUMO :-3.95 eV

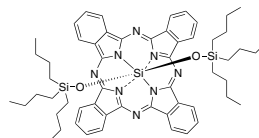


## LT-S9847 | 3BS-SiPc

NEW

Bis(tri-n-butylsilyl oxide) silicon phthalocyanine

Grade :>95%  
 Formula :C<sub>56</sub>H<sub>70</sub>N<sub>8</sub>O<sub>2</sub>Si<sub>3</sub>  
 M.W. :971.46 g/mole  
 HOMO :-5.3 eV  
 LUMO :-3.5 eV

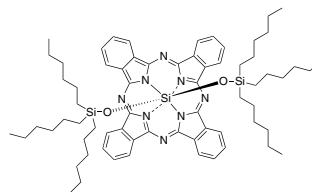


## LT-S9849 | 3HS-SiPc

NEW

Bis(tri-n-hexylsilyl oxide) silicon phthalocyanine

CAS No. :92396-89-9  
 Grade :>95%  
 Formula :C<sub>68</sub>H<sub>94</sub>N<sub>8</sub>O<sub>2</sub>Si<sub>3</sub>  
 M.W. :1139.78 g/mole  
 HOMO :-5.3 eV  
 LUMO :-3.5 eV



LT-S9850

3PS-SiPc

**NEW**

Bis(tri-n-propylsilyl oxide) silicon phthalocyanine

CAS No :

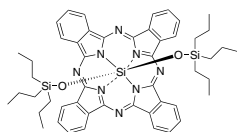
Grade : >95%

Formula :  $C_{50}H_{58}N_8O_2Si_3$

M.W. : 887.3 g/mole

HOMO : -5.3 eV

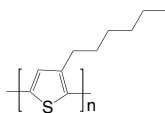
LUMO : -3.5 eV



## LT-S909 | P3HT

Poly(3-hexylthiophene-2,5-diyl)

CAS No.	: 110134-47-9 / 104934-50-1
Grade	: Mw >45,000 (GPC) Electronic Grade : Regio Regular >93%
Formula	: $(C_{10}H_{14}S)_n$
UV	: 445 nm (in THF)
PL	: 564 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S911 | PT

Poly(thiophene-2,5-diyl)

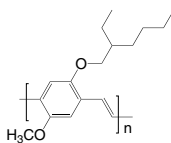
CAS No.	: 25233-34-5
Formula	: $(C_4H_2S)_n$
UV	: 427 nm (in $CH_2Cl_2$ )
PL	: 510 nm (in $CH_2Cl_2$ )



## LT-S931 | MEH-PPV

Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene]

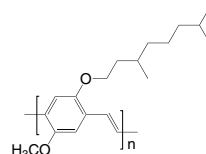
CAS No.	: 138184-36-8
Grade	: Mw >100,000 (GPC)
Formula	: $(C_{17}H_{24}O_2)_n$
UV	: 501 nm (in $CH_2Cl_2$ )
PL	: 502 nm (in $CH_2Cl_2$ )
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S932 | MDMO-PPV

Poly[2-methoxy-5-(3,7-dimethyloctyloxy)-1,4-phenylenevinylene]

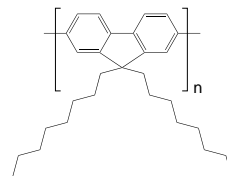
CAS No.	: 177716-59-5
Grade	: Mw >100,000 (GPC)
Formula	: $(C_{19}H_{26}O_2)_n$
UV	: 485 nm (in $CH_2Cl_2$ )
PL	: 555 nm (in $CH_2Cl_2$ )
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S933 | PFO

Poly(9,9-dioctylfluorenyl-2,7-diyl)

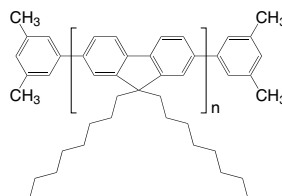
CAS No.	: 123864-00-6
Grade	: Mw = 50,000 ~ 150,000 (GPC)
Formula	: $(C_{29}H_{40})_n$
UV	: 376 nm (in THF)
PL	: 426 nm (in THF)
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S934 | PFO-DMP

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

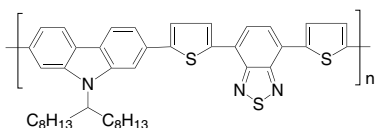
CAS No.	: 874816-14-5
Grade	: Mw = 50,000 ~ 150,000 (GPC)
Formula	: $C_{16}H_{18}(C_{29}H_{40})_n$
UV	: 368 nm (in THF)
PL	: 421 nm (in THF)
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S948 | PCDTBT

Poly[*N*-9'-heptadecanyl-2,7-carbazole-*alt*-5,5-(4',7'-di-2-thienyl-2',1',3'-benzothiadiazole)]

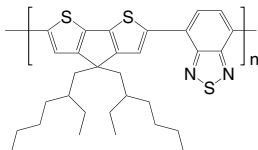
CAS No. : 958261-50-2  
 Grade : Mw = 20,000 ~ 100,000 (GPC)  
 Formula : (C<sub>43</sub>H<sub>47</sub>N<sub>3</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 390, 554 nm (in THF)  
 PL : 639 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>



## LT-S949 | PCPDTBT

Poly[2,6-(4,4-bis(2-ethylhexyl)-4*H*-cyclopenta[2,1-*b*:3,4-*b'*]-dithiophene)-*alt*-4,7-(2,1,3-benzothiadiazole)]

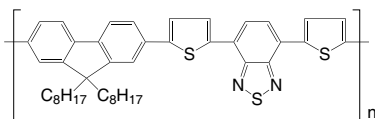
CAS No. : 920515-34-0  
 Grade : Mw = 7,000 ~ 20,000 (GPC)  
 Formula : (C<sub>31</sub>H<sub>38</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 695 nm (in THF)  
 PL : 564 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S950 | PFOBT / PFODBT

Poly[2,7-(9,9-di-octyl-fluorene)-*alt*-4,7-bis(thiophen-2-yl)benzo-2,1,3-thiadiazole]

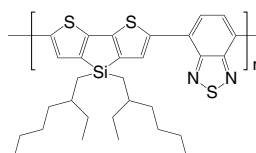
CAS No. : 782469-77-6  
 Grade : Mw = 10,000 ~ 50,000 (GPC)  
 Formula : (C<sub>43</sub>H<sub>46</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 523 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 630 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S951 | PSBTBT

Poly[2,6-(4,4'-bis(2-ethylhexyl)dithieno[3,2-*b*:2',3'-*d'*]silole)-*alt*-4,7-(2,1,3-benzothiadiazole)]

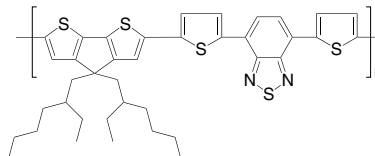
CAS No. : 1089687-02-4  
 Grade : Mw = 10,000 ~ 30,000 (GPC)  
 Formula : (C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>S<sub>3</sub>Si)<sub>n</sub>  
 UV : 652 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S953 | PCPDTTBT

Poly[2,6-(4,4-bis(2-ethylhexyl)-4*H*-cyclopenta-[2,1-*b*:3,4-*b'*]-dithiophene)-*alt*-4,7-bis(thiophen-2-yl)benzo-2,1,3-thiadiazole]

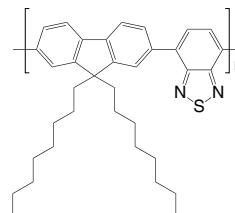
CAS No. : 1035681-83-4  
 Grade : Mw = 8,000 ~ 20,000 (GPC)  
 Formula : (C<sub>39</sub>H<sub>42</sub>N<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 615 nm (in CHCl<sub>3</sub>)  
 PL : 749 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S957 | F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl)]

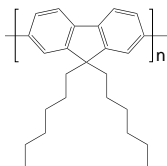
CAS No. : 210347-52-7  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>35</sub>H<sub>42</sub>N<sub>2</sub>S)<sub>n</sub>  
 UV : 453 nm (in THF)  
 PL : 534 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S958 | PHF

Poly(9,9-dihexylfluorenyl-2,7-diyl)

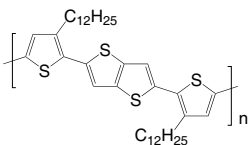
CAS No. : 201807-75-2  
 Grade : Mw = 30,000~100,000 (GPC)  
 Formula :  $(C_{25}H_{32})_n$   
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S981 | PBTTC-12

Poly[2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophene]

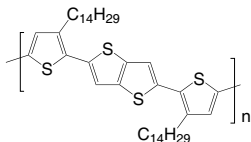
CAS No. : 888491-18-7  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula :  $(C_{38}H_{54}S_4)_n$   
 UV : 460 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in  $CHCl_3$



## LT-S982 | PBTTC-14

Poly[2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene]

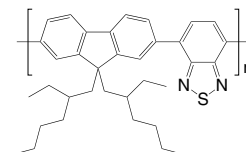
CAS No. : 888491-19-8  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula :  $(C_{42}H_{62}S_4)_n$   
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in  $CHCl_3$



## LT-S9003 | F2EHBT

Poly[(9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl)-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl)]

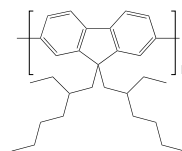
CAS No. : 1379051-13-4  
 Grade : Mw = 10,000 ~ 50,000 (GPC)  
 Formula :  $(C_{35}H_{42}N_2S)_n$   
 UV : 453 nm (in THF)  
 PL : 645 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9004 | PF2EH

Poly[9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl]

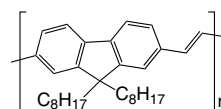
CAS No. : 188201-16-3  
 Grade : Mw >20,000 (GPC)  
 Formula :  $(C_{29}H_{40})_n$   
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9006

Poly[(9,9-dioctyl-9H-fluorene-2,7-diyl)-(1E)-1,2-ethene-diyl]

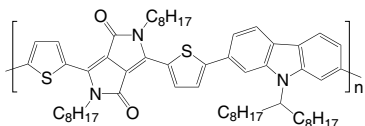
CAS No. : 360068-36-6  
 Grade : Mw >20,000 (GPC)  
 Formula :  $(C_{31}H_{42})_n$   
 UV : 455 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9032 | PCBTDP

Poly[*N*-9'-heptadecanyl-2,7-carbazole-*alt*-3,6-bis(thiophen-5-yl)-2,5-dioctyl-2,5-dihydropyrrolo[3,4-*c*]pyrrole-1,4-dione]

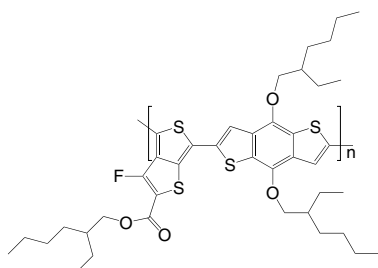
CAS No. : 1147374-60-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>59</sub>H<sub>81</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 647 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9050 | PTB7

Poly[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-*b*]thiophene-4,6-diyl]

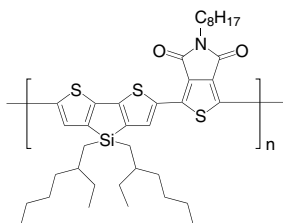
CAS No. : 1266549-31-8  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>41</sub>H<sub>53</sub>FO<sub>4</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 670 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9066 | PDTSTP

Poly[2,6-(4,4'-bis(ethylhexyl)dithiopheno[3,2-*b*:2',3'-*d*]silole)-*alt*-(1,3-(5-octyl-4*H*-thieno[3,4-*c*]pyrrole-4,6(5*H*)-dione)]

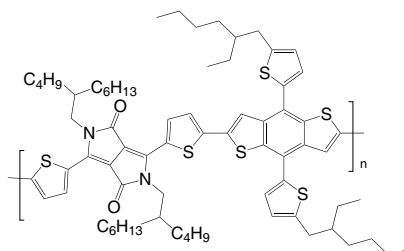
CAS No. : 1279109-93-1  
 Grade : Mw = 7,000 ~ 30,000 (GPC)  
 Formula : (C<sub>38</sub>H<sub>53</sub>NO<sub>2</sub>S<sub>3</sub>Si)<sub>n</sub>  
 UV : 614, 670 nm (film)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9081 | PBDTT-DPP

Poly[2,6'-4,8-di(5-ethylhexylthieryl)benzo[1,2-*b*:3,4-*b'*]dithiophene-*alt*-5-dibutylthiophen-3,6-bis(5-bromothiophen-2-yl)-pyrrolo[3,4-*c*]pyrrole-1,4-dione]

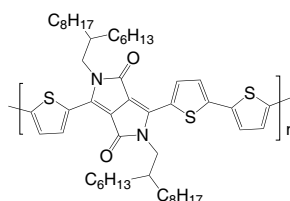
CAS No. : 1380582-98-8  
 Grade : Mw > 50,000 (GPC)  
 Formula : (C<sub>72</sub>H<sub>94</sub>N<sub>2</sub>O<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9109 | PDPP3T

Poly[2,2'-[(2,5-bis(2-hexyldecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-*c*]pyrrole-1,4-diyl)dithiophene]-5,5'-diyl-*alt*-thiophen-2,5-diyl]

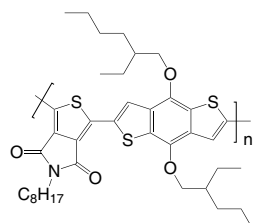
CAS No. : 1198291-01-8  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>50</sub>H<sub>72</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9111 | PBDTTPD

Poly[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-(1,3-(5-octyl-4*H*-thieno[3,4-*c*]pyrrole-4,6(5*H*)-dione)]

CAS No. : 1223479-75-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>53</sub>NO<sub>4</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 610 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

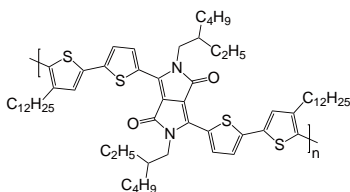




## LT-S9112 | pBBTDP2

Poly[3,6-bis(4'-dodecyl[2,2'-bithiophen]-5-yl)-2,5-bis(2-ethylhexyl)-2,5-dihydropyrrolo[3,4-c]-pyrrole-1,4-dione]

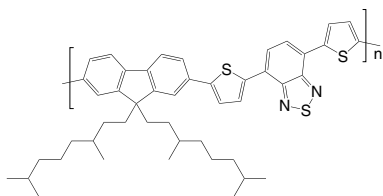
CAS No. : 1002094-22-5  
 Grade : Mw > 30,000 (GPC)  
 Formula :  $(C_{62}H_{90}N_2O_2S_4)_n$   
 UV : 650 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9113 | BisDMO-PFDTBT

Poly[[2,7-(9,9-bis(3,7-dimethyloctyl)fluorene)-alt-[5,5-(4,7-di-2'-thienyl-2,1,3-benzothiadiazole)]]

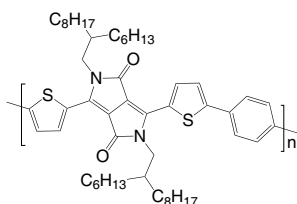
CAS No. : 1204005-82-2  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{47}H_{54}N_2S_3)_n$   
 UV : 560 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9114 | PDPPTPT

Poly[2,2'-((2,5-bis(2-hexyldecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl)-alt-benzen-1,4-diyl]

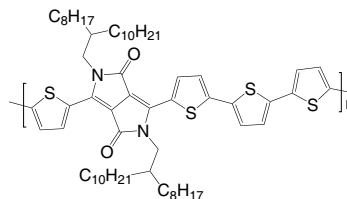
CAS No. : 1255939-39-9  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{52}H_{74}N_2O_2S_2)_n$   
 UV : 628 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9117 | PDQT

Poly[2,2'-((2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl)-alt-2,2'-bithiophene-5,5'-diyl]

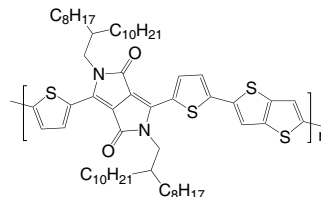
CAS No. : 1267540-03-3  
 Grade : Mw > 30,000 (GPC)  
 Formula :  $(C_{62}H_{90}N_2O_2S_4)_n$   
 UV : 810 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9118 | PDBT-co-TT

Poly[2,2'-((2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl)-alt-thieno[3,2-b]thiophen-2,5-diyl]

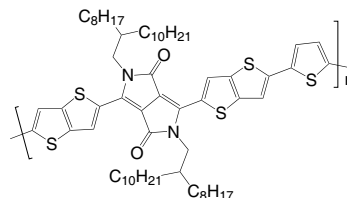
CAS No. : 1444870-74-9  
 Grade : Mw > 30,000 (GPC)  
 Formula :  $(C_{60}H_{88}N_2O_2S_4)_n$   
 UV : 810 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9119 | PDPPBT

Poly[2,2'-((2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiopheno[3,2-b]thiophene-5,5'-diyl)-alt-thiophen-2,5-diyl]

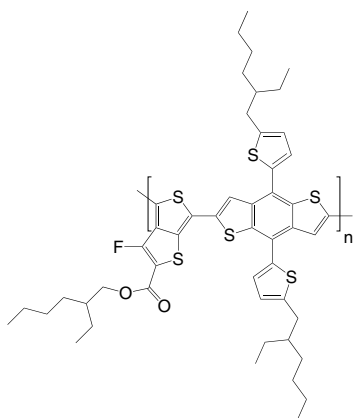
CAS No. : 1270977-98-4  
 Grade : Mw > 30,000 (GPC)  
 Formula :  $(C_{62}H_{88}N_2O_2S_5)_n$   
 UV : 812 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9139 | PTB7-Th

Poly[4,8-bis[5-(2-ethylhexyl)thiophen-2-yl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]-thieno[3,4-*b*]thiophene-4,6-diyl]

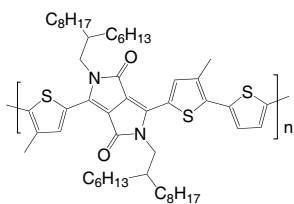
CAS No. : 1469791-66-9  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>49</sub>H<sub>57</sub>FO<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 UV : 695 nm (in CHCl<sub>3</sub>)  
 Solubility : > 5 mg/mL in CHCl<sub>3</sub>



## LT-S9178 | PMDPP3T

Poly[[2,5-bis(2-hexyldecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-*c*]pyrrole-1,4-diyl]-*alt*-[3',3''-dimethyl-2,2':5',2''-terthiophene]-5,5''-diyl]

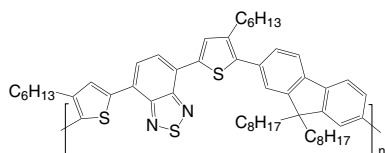
CAS No. : 1429119-71-0  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>76</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9210 | F8TBT

4-(5-(9,9-Dioctyl-9H-fluoren-2-yl)-4-hexylthiophen-2-yl)-7-(4-hexylthiophen-2-yl)benzo[*c*][1,2,5]thiadiazole

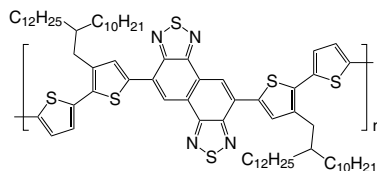
CAS No. : 891911-18-5  
 Grade : Mw > 5,000 (GPC)  
 Formula : (C<sub>55</sub>H<sub>70</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>



## LT-S9271 | PNTz4T

Poly[naphtho[1,2-*c*:5,6-*c'*]bis[1,2,5]thiadiazole-5,10-diyl[3,3''-bis(2-decyltetradecyl)[2,2':5',2'':5'',2''':5'''-quaterthiophene]-5,5''-diyl]]

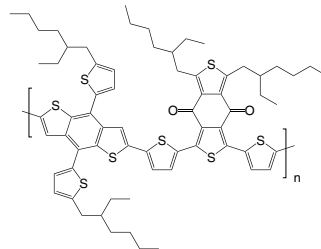
CAS No. : 1357999-94-0  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>74</sub>H<sub>106</sub>N<sub>4</sub>S<sub>6</sub>)<sub>n</sub>  
 UV : 725 nm (film)



## LT-S9273 | PBDB-T

Poly[[4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-*c*:4,5-*c'*]dithiophene-1,3-diyl]]

CAS No. : 1415929-80-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>78</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>

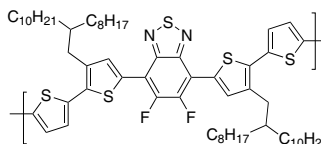


## LT-S9216 | PffBT4T-2OD

NEW

Poly[(5,6-difluoro-2,1,3-benzothiadiazole-4,7-diyl)[3,3''-bis(2-octyldodecyl)[2,2':5',2'':5'',2''':5'''-quaterthiophene]-5,5''-diyl]]

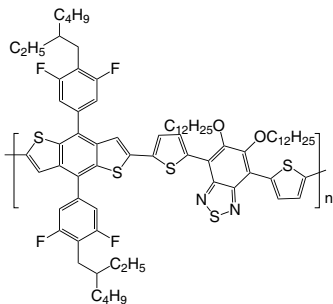
CAS No. : 1644164-62-4  
 Grade : Mw > 30,000  
 Formula : (C<sub>62</sub>H<sub>88</sub>F<sub>2</sub>N<sub>2</sub>S<sub>5</sub>)<sub>n</sub>



## LT-S9278 | PTFBDT-BZS

Poly[[5,6-bis(dodecyloxy)-2,1,3-benzothiadiazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis[4-(2-ethylhexyl)-3,5-difluorophenyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]

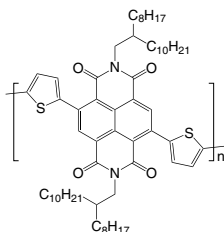
CAS No. : 1840869-86-4  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>76</sub>H<sub>94</sub>F<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 414, 542 nm (in DCB)



## LT-S9282 | P(NDI2OD-T2)

Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-dioxobenzo[Imn][3,8]phenanthroline-4,9-diyl][2,2'-bithiophene]-5,5'-diyl]

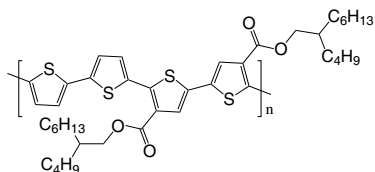
CAS No. : 1100243-40-0  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>



## LT-S9288 | PDCBT

Poly[2,2''-bis[[[2-butylloctyl]oxy]carbonyl]-[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl]

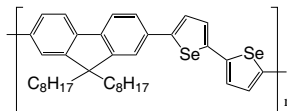
CAS No. : 1609536-17-5  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>42</sub>H<sub>56</sub>O<sub>4</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 551 nm (film)



## LT-S9420 | F8Se2

Poly[[2,2'-biselenophene]-5,5'-diyl(9,9-dioctyl-9H-fluorene-2,7-diyl)]

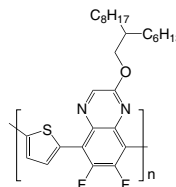
CAS No. : 898233-56-2  
 Formula : (C<sub>37</sub>H<sub>44</sub>Se<sub>2</sub>)<sub>n</sub>



## LT-S9435 | PTQ10

Poly[(thiophene)-alt-(6,7-difluoro-2-(2-hexyldecyloxy)quinoxaline)]

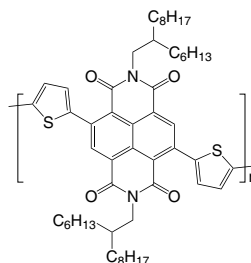
CAS No. : 2270233-86-6  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>28</sub>H<sub>36</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S)<sub>n</sub>  
 UV : A strong Absorption from 450 to 620 nm (in CHCl<sub>3</sub> and film)  
 HOMO : -5.54 eV  
 LUMO : -2.98 eV



## LT-S9448 | PNDI(2HD)2T

Poly[[N,N'-bis(2-hexyldecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-5,5'-(2,2'-bithiophene)]

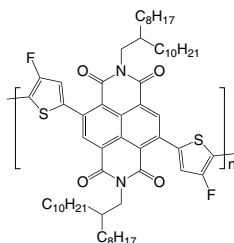
CAS No. : 1459168-70-7  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>54</sub>H<sub>72</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>



## LT-S9449 | P(NDI2OD-2FT)

Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diyl]-(3,3'-difluoro[2,2'-bithiophene]-5,5'-diyl)]

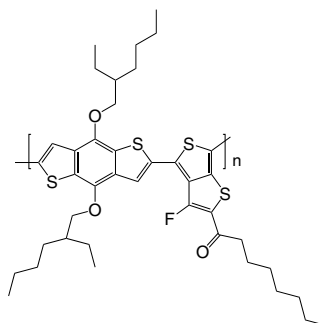
CAS No. : 1773524-46-1  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>86</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9452 | PBDTTT-CF

Poly[[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']-dithiophene-2,6-diyl][3-fluoro-2-(1-oxooctyl)thieno[3,4-b]thiophenediyl]]

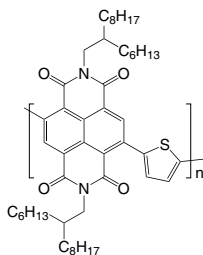
CAS No. : 1379592-65-0  
 Grade : Mw > 50,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>51</sub>FO<sub>3</sub>S<sub>4</sub>)<sub>n</sub>



## LT-S9454 | PNDI(2HD)T

Poly{[N,N'-bis(2-hexyldecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-2,5-thiophene}

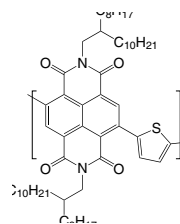
CAS No. : 1675973-74-6  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>50</sub>H<sub>70</sub>N<sub>2</sub>O<sub>4</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9455 | PNDI(2OD)T

Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diyl]-2,5-thiophenediyl]

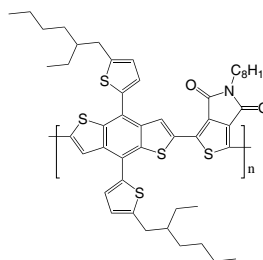
CAS No. : 1236111-76-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>58</sub>H<sub>86</sub>N<sub>2</sub>O<sub>4</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9456 | PBDDT-T8-TPD

Poly{[(5,6-dihydro-5-octyl-4,6-dioxo-4H-thieno[3,4-c]-pyrrole-1,3-diyl)[4,8-bis[5-(2-ethylhexyl)-2-thienyl]-benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]}

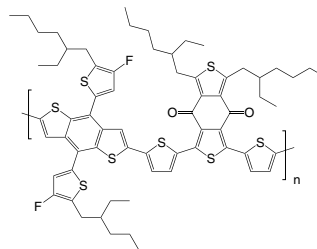
CAS No. : 1426534-44-2  
 Grade : Mw = 50,000-150,000 (GPC)  
 Formula : (C<sub>48</sub>H<sub>57</sub>NO<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 557, 614 nm (film)



## LT-S9457 | PM6 (PBDB-T-2F)

Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl-[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']-dithiophene-1,3-diyl]-2,5-thiophenediyl]

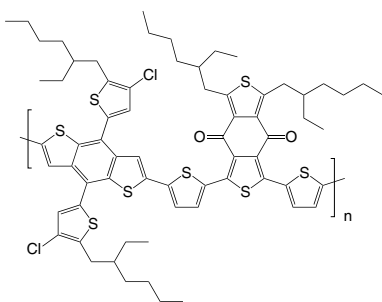
CAS No. : 1802013-83-7  
 Grade : Mw = 10000~100000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>76</sub>F<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>  
 UV : 614 nm (in CHCl<sub>3</sub>)  
 HOMO : -5.45 eV  
 LUMO : -3.65 eV



## LT-S9458 | PBDB-T-2Cl

Poly[[4,8-bis(4-chloro-5-(2-ethylhexyl)-2-thienyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl-[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

CAS No. : 2239295-71-5  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>76</sub>Cl<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>  
 PCE : 14%

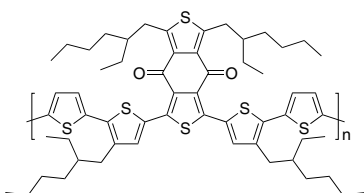


## LT-S9459 | PBDD4T

NEW

Poly[[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl][3,3''-bis(2-ethylhexyl)[2,2':5,2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

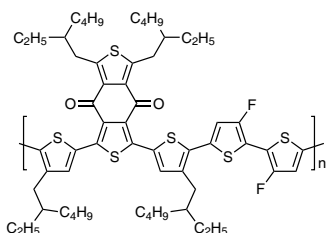
CAS No. : 1439937-09-3  
 Grade : Mw > 10,000  
 Formula : (C<sub>58</sub>H<sub>74</sub>O<sub>2</sub>S<sub>6</sub>)<sub>n</sub>



## LT-S9462 | PBDD4T-2F

Poly[[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl][3,3''-bis(2-ethylhexyl)-3',4'-difluoro[2,2':5,2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

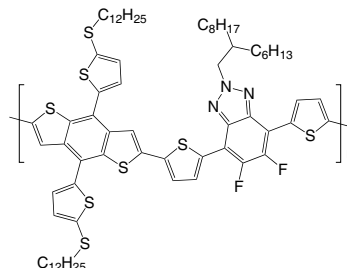
CAS No. : 1890205-85-2  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>58</sub>H<sub>72</sub>F<sub>2</sub>O<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9463 | J61

Poly[[5,6-difluoro-2-(2-hexyldecyl)-2H-benzotriazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis(5-(dodecylthio)-2-thienyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]

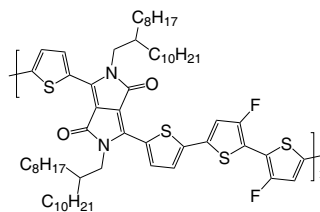
CAS No. : 1887136-03-9  
 Grade : Mw = 50,000-150,000 (GPC)  
 Formula : (C<sub>72</sub>H<sub>93</sub>F<sub>2</sub>N<sub>3</sub>S<sub>8</sub>)<sub>n</sub>  
 PCE : 11.77%



## LT-S9464 | PDPP4T-2F

Poly[[2,5-bis(2-decyltetradecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl]-3',4'-difluoro[2,2':5,2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

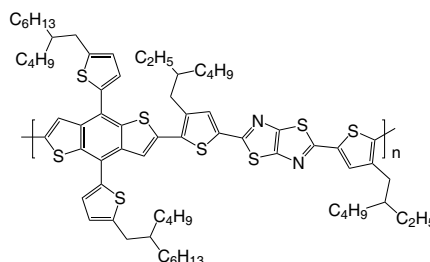
CAS No. : 1926166-46-2  
 Grade : Mw = 20,000~200,000 (GPC)  
 Formula : (C<sub>70</sub>H<sub>104</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>



## LT-S9465 | PTZ1

Poly[thiazolo[5,4-d]thiazole-2,5-diyl[4-(2-ethylhexyl)-2,5-thiophenediyl][4,8-bis(5-(2-butyldecyl)-2-thienyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl][3-(2-ethylhexyl)-2,5-thiophenediyl]]

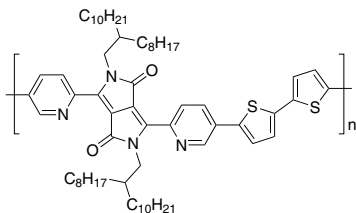
CAS No. : 2029196-34-5  
 Grade : Mw = 10,000-50,000 (GPC)  
 Formula : (C<sub>70</sub>H<sub>92</sub>N<sub>2</sub>S<sub>8</sub>)<sub>n</sub>



LT-S9467 | PDBPyBT **NEW**

Poly(2,5-bis(2-octyldecyl)-3,6-di(pyridin-2-yl)-pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione-alt-2,2'-bithiophene)

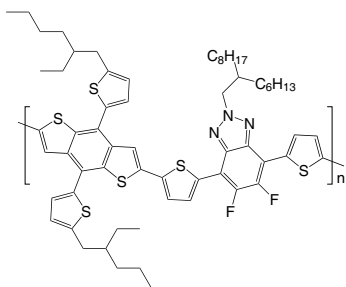
CAS No. : 1455028-36-0  
Formula :  $(C_{64}H_{92}N_4O_2S_2)_n$   
M.W. : Mw > 10,000



## LT-S9469 | J52

Poly[[5,6-difluoro-2-(2-hexyldecyl)-2H-benzotriazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]

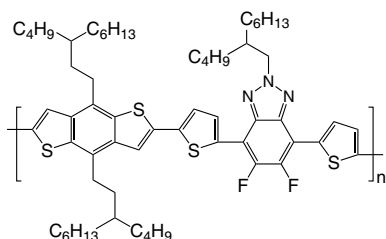
CAS No. : 1887136-01-7  
Grade : Mw > 10,000 (GPC)  
Formula :  $(C_{64}H_{77}F_2N_3S_6)_n$   
Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9497 | FTAZ

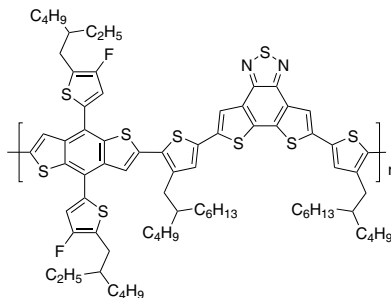
Poly[4,8-bis(3-butylonyl)benzo[1,2-b:4,5-b']dithiophene-2,6-diyl-alt-5,6-difluoro-2-(2-butyldecyl)-4,7-di(thiophen-2-yl)-2H-benzo[d][1,2,3]triazole-5,5-diyl]

Grade : Mw > 10,000 (GPC)  
Formula :  $(C_{62}H_{85}F_2N_3S_4)_n$   
PCE : 12.1% (with ITIC-Th<sub>1</sub>)  
HOMO : -5.38 eV  
LUMO : -3.17 eV

LT-S9502 | D18 **NEW**

Poly[(4,8-bis(5-(2-ethylhexyl)-4-fluorothiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene-2,6-diyl)-alt-(5,8-[tributyl(4-(2-butyldecyl)thiophen)]dithieno-[3',2':3,4;2'',3'':5,6]benzo[1,2-c][1,2,5]thiadiazole)]

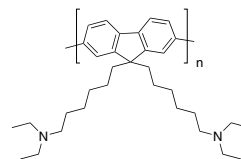
CAS No. : 2433725-54-1  
Grade : Mw > 30,000 (GPC)  
Formula :  $(C_{76}H_{92}F_2N_2S_9)_n$



## LT-S9506 | PFN100

Poly[(9,9-bis(6'-(N,N-diethylamino)hexyl)-2,7-fluorene]

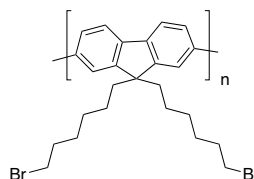
CAS No. : 1305335-08-3  
Grade : Mw = 30,000~100,000  
Formula :  $(C_{33}H_{50}N_2)_n$   
HOMO : -5.54 eV  
LUMO : -3.58 eV  
Mobility :  $8.14 \times 10^{-4} \text{ cm}^2/\text{Vs}$



## LT-S9509

Poly[(9,9-bis(6-bromohexyl)-2,7-fluorene]

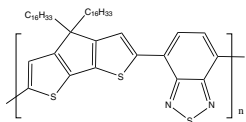
Grade : Mw = 30,000~100,000  
Formula :  $(C_{25}H_{30}Br_2)_n$



**LT-S9537** | CDT-BTZ

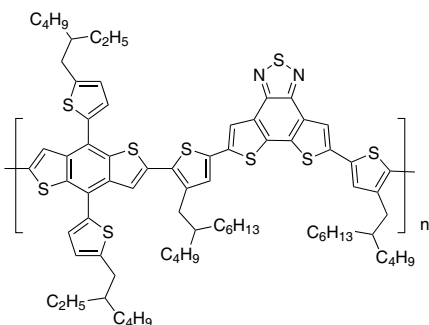
Poly[[2,1,3-benzothiadiazole-4,7-diyl(4,4-dihexadecyl-4H-cyclopenta[2,1-b:3,4-b']dithiophene-2,6-diyl)]<sub>n</sub>

CAS No. : 1079041-67-0  
 Grade : Mw > 10000  
 Formula : (C<sub>47</sub>H<sub>70</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>

**LT-S9585** | JD40

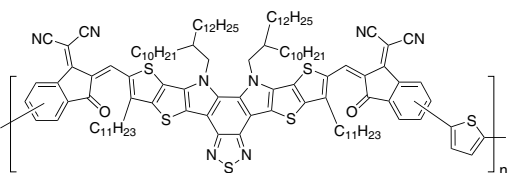
Poly[[4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-alt-[5,8-[tributyl(4-(2-butyloctyl)thiophen)]dithieno-[3',2':3,4;2'',3'':5,6]benzo[1,2-c][1,2,5]thiadiazole)]<sub>n</sub>

Grade : Mw > 30000  
 Formula : (C<sub>76</sub>H<sub>94</sub>N<sub>2</sub>S<sub>9</sub>)<sub>n</sub>  
 UV : 580 nm (in CHCl<sub>3</sub>)  
 HOMO : -5.28 eV  
 LUMO : -3.32 eV

**LT-S9590** | PJ1

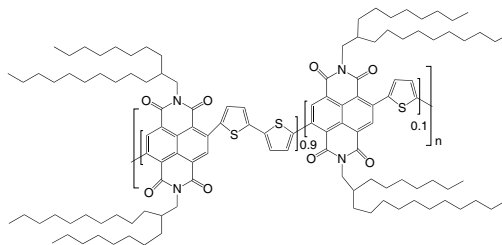
Poly[[12,13-bis(2-decyltetradecyl)-12,13-dihydro-3,9-diundecylbisthieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-e:2',3'-g][2,1,3]benzothiadiazole-2,10-diyl]methylidyne[1-(dicyanomethylene)-1,3-dihydro-3-oxo-2H-inden-yl-2-ylidene]-2,5-thiophenediyl[1-(dicyanomethylene)-1,3-dihydro-3-oxo-2H-inden-yl-2-ylidene]methylidyne]]<sub>n</sub>

CAS No. : 2411023-04-4  
 Grade : Mw > 10000  
 Formula : (C<sub>118</sub>H<sub>154</sub>N<sub>8</sub>O<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 UV : 765 nm (in CHCl<sub>3</sub>)  
 HOMO : -5.61 eV  
 LUMO : -3.80 eV

**NEW****LT-S9610** | PNDI-T10 (PCE9, high mobility n-type polymer)

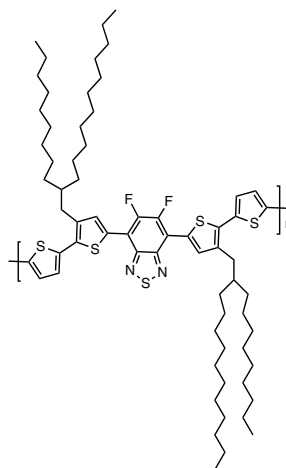
Poly{[([N,N'-bis(2-octyldodecyl),aphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-5,5'-(2,2'-bithiophene))-ran-([N,N'-bis(2-octyldodecyl),aphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-2,5-thiophene)]<sub>n</sub>

CAS No. : 1977539-03-9  
 Grade : Mw > 100,000  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>0.9</sub> · (C<sub>58</sub>H<sub>86</sub>N<sub>2</sub>O<sub>4</sub>S)<sub>0.1</sub>

**LT-S9611** | PffBT4T-C9C13 (PCE12) **NEW**

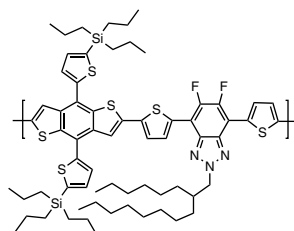
Poly[[5,6-difluoro-2,1,3-benzothiadiazol-4,7-diyl]-alt-(3,3''-di(2-nonyltridecyl)-2,2';5',2'';5'',2'''-quaterthiophen-5,5'''-diyl)]<sub>n</sub>

Grade : Mw > 100,000  
 Formula : (C<sub>66</sub>H<sub>97</sub>F<sub>2</sub>N<sub>2</sub>S<sub>5</sub>)<sub>n</sub>

**LT-S9612** | PJ71**NEW**

Poly[[5,6-difluoro-2-(2-hexyldodecyl)-2H-benzotriazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis[5-(tripropylsilyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]]<sub>n</sub>

CAS No. : 2035466-89-6  
 Grade : Mw > 100,000  
 Formula : (C<sub>66</sub>H<sub>85</sub>F<sub>2</sub>N<sub>3</sub>S<sub>6</sub>Si<sub>2</sub>)<sub>n</sub>



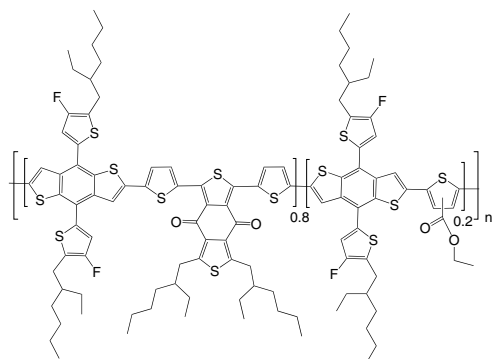
Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

**LT-S9613** | PBDB-TF-T1 **NEW**

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-fluoro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione))-ran-poly[(2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(2,2-ethyl-3(or4)-carboxylate-thiophene)]

Grade :Mw >50,000

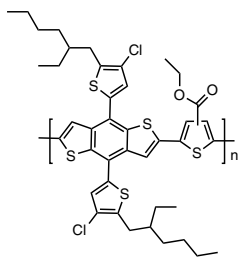
Formula :[(C<sub>68</sub>H<sub>76</sub>F<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)0.8(C<sub>41</sub>H<sub>44</sub>F<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)0.2]n

**LT-S9614** | PCITO2 **NEW**

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-chloro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(2,2-ethyl-3(or4)-carboxylate-thiophene)]

Grade :Mw >50,000

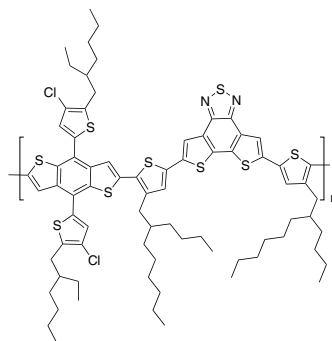
Formula :[(C<sub>41</sub>H<sub>44</sub>Cl<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)<sub>n</sub>

**LT-S9615** | D18-Cl **NEW**

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-chloro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-5,5'-(5,8-bis(4-(2-butyloctyl)thiophen-2-yl)dithieno[3',2':3,4;2'',3''':5,6]benzo[1,2-c][1,2,5]thiadiazole)]

Grade :Mw >30,000

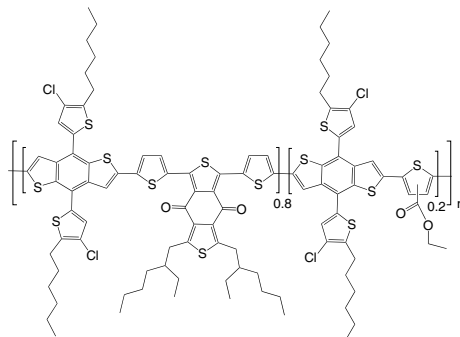
Formula :[(C<sub>76</sub>H<sub>92</sub>Cl<sub>2</sub>N<sub>2</sub>S<sub>7</sub>)<sub>n</sub>

**LT-S9616** | PBDB-TCI-T1 **NEW**

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-chloro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(5,5-(1',3'-di-2-thienyl-5',7'-bis(2-ethylhexyl)benzo[1',2'-c:4',5'-c']dithiophene-4,8-dione))-ran-poly[(2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(2,2-ethyl-3(or4)-carboxylate-thiophene)]

Grade :Mw >100,000

Formula :[(C<sub>68</sub>H<sub>76</sub>Cl<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)0.8(C<sub>41</sub>H<sub>44</sub>F<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)0.2]n





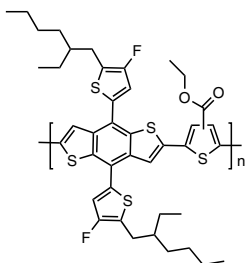
## LT-S9617 | PTO2

**NEW**

Poly[(2,6-(4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-(2,2-ethyl-3(or4)-carboxylate-thiophene)]

Grade :Mw >50,000

Formula : $(C_{41}H_{44}F_2O_2S_5)_n$



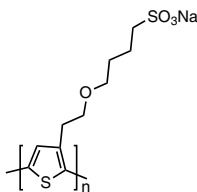
## LT-S9618 | PTEBS Water Soluble Polythiophenes

**NEW**

Sodium poly[2-(3-thienyl)-ethoxy-4-butylsulfonate]

Grade :>99%

Formula : $(C_{10}H_{13}S_2O_4Na)_n$



## LT-S9709 | J52-Cl

**NEW**

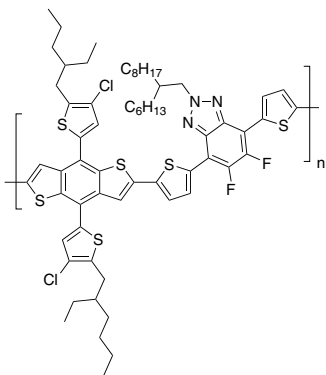
Poly[[5,6-difluoro-2-(2-hexyldecyl)-2H-benzotriazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis[5-(2-ethylhexyl-3-chloro)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl]

Grade :Mw >20,000

Formula : $(C_{63}H_{73}Cl_2F_2N_3S_6)_n$

HOMO :-5.38 eV

LUMO :-3.44 eV



## LT-S9710 | P4T2F-HD

**NEW**

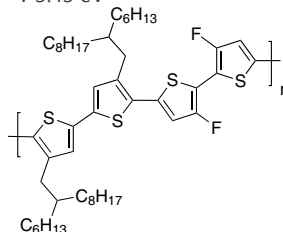
Poly(3,3'-dihexyldecyl-4''',4''''-difluoro[2,2':5',2''':5'',2''''-quaterthiophene]-5,5''''-diyl)

Grade :Mw >20,000

Formula : $(C_{48}H_{70}F_2S_4)_n$

HOMO :-5.35 eV

LUMO :-3.43 eV



## LT-S9711 | PBQx-TF

**NEW**

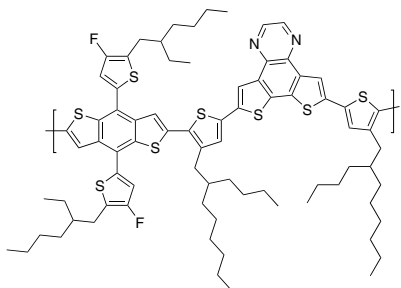
Poly[(2,6-(4,8-bis(5-(2-ethylhexyl-3-fluoro)thiophen-2-yl)-benzo[1,2-b:4,5-b']dithiophene))-alt-5,5'-(6,9-bis(4-(2-butyl)thiophen-2-yl)dithieno[3,2-f:2',3'-h]quinoxaline)]

Grade :Mw >20,000

Formula : $(C_{78}H_{94}F_2N_2S_8)_n$

HOMO :-5.41 eV

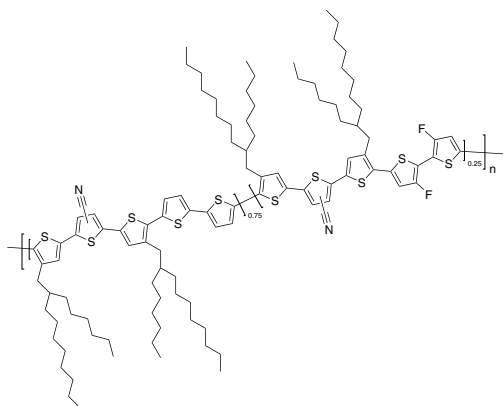
LUMO :-2.82 eV



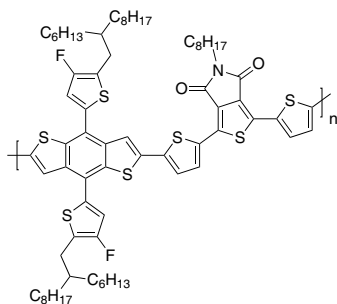
**LT-S9728** | P5TCN-F25 **NEW**

Poly[[3,3"-bis(2-hexyldecyl)-3'(4')-cyano[2,2':5',2''':5'',2''''':5''''',2''''''-quinquethiophene]-5,5''''-diyl]-alt-[3,3"-bis(2-hexyldecyl)-3'(4')-cyano-3''',4''''-difluoro[2,2':5',2''':5'',2''''':5''''',2''''''-quinquethiophene]-5,5''''-diyl]]

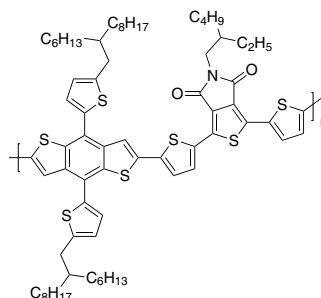
Grade :Mw >40,000 (GPC)

**LT-S9743** | TPD-3F **NEW**

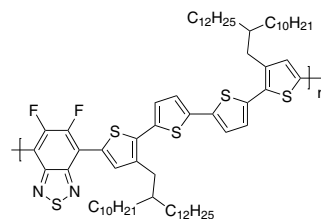
CAS No. :2499690-26-3  
 Formula : $(C_{72}H_{91}F_2NO_2S_7)_n$   
 M.W. :Mw >30,000  
 UV :555 nm (in o-xylene, film)  
 HOMO :-5.64 eV  
 LUMO :-3.76 eV

**LT-S9744** | PT-7 **NEW**

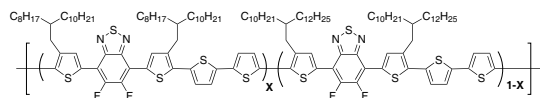
Grade :Mw >40,000  
 Formula : $(C_{72}H_{93}NO_2S_7)_n$   
 UV :558 nm (in o-xylene, film)  
 HOMO :-5.44 eV  
 LUMO :-3.56 eV

**LT-S9745** | PV3006 **NEW**

CAS No. :1430201-61-8  
 Grade :Mw >40,000  
 Formula : $(C_{70}H_{104}F_2N_2S_5)_n$   
 UV :702 nm (in CB)  
 HOMO :-5.36 eV  
 LUMO :-3.74 eV  
 Synonym :FBT-Th<sub>4</sub>(1,4)

**LT-S9746** | PV5001 **NEW**

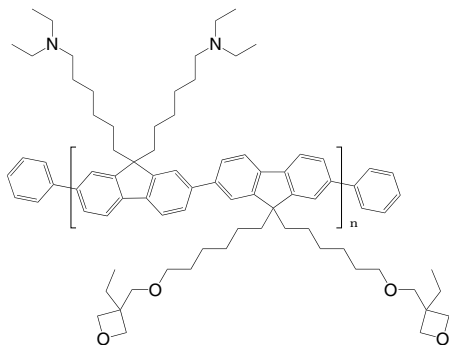
CAS No. :2221940-37-8  
 Formula : $(C_{66}H_{96}F_2N_2S_5)_n$   
 UV :702 nm (in CB)  
 Synonym :PffBT<sub>4</sub>T-500D



### LT-N177 | PFN-OX

Poly(2,7-[9,9-bis(6'-(N,N-diethylamino)hexyl)fluorene]-*alt*-2,7-[9,9-bis(6-((3-ethoxytetan-3-yl)methoxy)hexyl)fluorene])

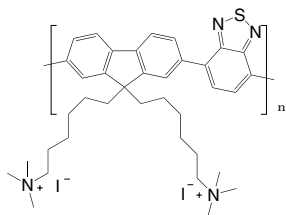
CAS No. : 1345045-27-3  
 Formula :  $(C_{70}H_{102}N_2O_4)_n C_{12}H_{10}$   
 UV : 378 ± 10 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$



### LT-N181 | PFNIBT

Poly(9,9-bis(6-trimethyl-ammoniumiodide)-hexylfluorene-2,7-diyl-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl))

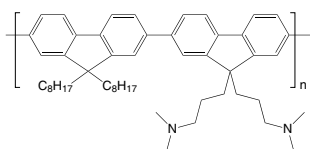
Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{35}H_{42}N_4S)_n$   
 UV : 317, 448 nm (in DMSO)  
 Solubility : Soluble in MeOH



### LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-(N,N-dimethylamino)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]

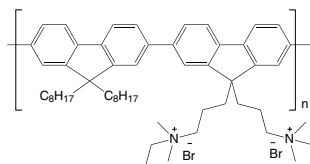
CAS No. : 673474-75-4  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{52}H_{70}N_2)_n$   
 UV : 378 nm (in  $CH_2Cl_2$ )  
 PL : 414 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CH_2Cl_2$ ,  $CHCl_3$ , Toluene



### LT-N878 | PFN-Br

Poly[(9,9-bis(3'-(N,N-dimethyl-N-ethylammonium)-propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]dibromide

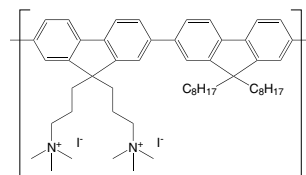
CAS No. : 889672-99-5  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{56}H_{80}N_2Br_2)_n$   
 UV : 375 nm (in MeOH)  
 PL : 440 nm (in MeOH)  
 Solubility : Soluble in MeOH



### LT-N8006 | PFN-diiodine salt

Poly[(9,9-bis(3-(trimethylammonium)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]diiodide

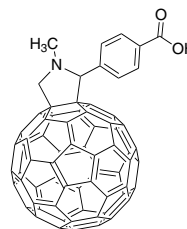
CAS No. : 1687752-60-8  
 Grade : Mw = 10,000 ~ 100,000 (GPC)  
 Formula :  $(C_{56}H_{80}N_2I_2)_n$



### LT-S9161 | C<sub>60</sub>-COOH-SAM

4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C<sub>60</sub>-1h-[1,9-c]-pyrrol-2'-yl)benzoic acid

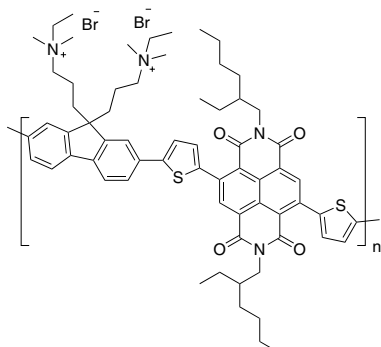
CAS No. : 631918-72-4  
 Grade : > 99%  
 Formula :  $C_{70}H_{11}NO_2$   
 M.W. : 897.84 g/mole  
 UV : 345 nm (in  $CH_2Cl_2$ )



### LT-S9289 | PNDIT-F3N-Br

Poly[[2,7-bis(2-ethylhexyl)-1,2,3,6,7,8-hexahydro-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diy]-2,5-thiophenediy][9,9-bis[3'((N,N-dimethyl)-N-ethylammonium)]-propyl]-9H-fluorene-2,7-diy]-2,5-thiophenediy]

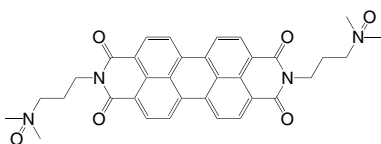
CAS No. : 2169941-79-9  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>65</sub>H<sub>80</sub>Br<sub>2</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 380, 580 nm (in Methanol)



### LT-S9479 | PDINO

2,9-Bis[3-(dimethyloxidoamino)propyl]anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetrone

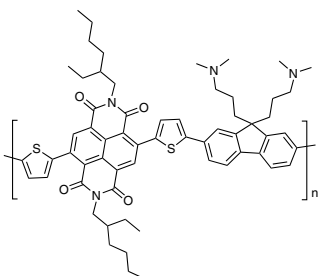
CAS No. : 1558023-86-1  
 Grade : >97%  
 Formula : C<sub>34</sub>H<sub>32</sub>N<sub>4</sub>O<sub>6</sub>  
 M.W. : 592.64 g/mole  
 HOMO : -6.21 eV  
 LUMO : -3.63 eV



### LT-S9490 | PNDIT-F3N NEW

Poly[[2,7-bis(2-ethylhexyl)-1,2,3,6,7,8-hexahydro-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diy]-2,5-thiophenediy][9,9-bis[3'((N,N-dimethyl)-N-ethylamino) propyl]-9H-fluorene-2,7-diy]-2,5-thiophenediy]

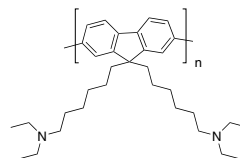
CAS No. : 1800206-46-5  
 Grade : M.W > 10,000  
 Formula : (C<sub>61</sub>H<sub>70</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>



### LT-S9506 | PFN100

Poly[(9,9-bis(6'-(N,N-diethylamino)hexyl)-2,7-fluorene]

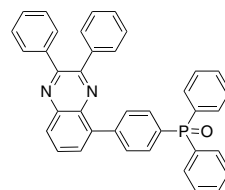
CAS No. : 1305335-08-3  
 Grade : Mw = 30,000~100,000  
 Formula : (C<sub>33</sub>H<sub>50</sub>N<sub>2</sub>)<sub>n</sub>  
 HOMO : -5.54 eV  
 LUMO : -3.58 eV  
 Mobility : 8.14x10<sup>-4</sup> cm<sup>2</sup>/Vs



### LT-S9562 | QxTPPO1

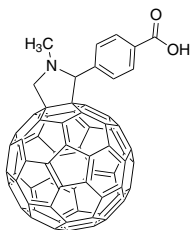
(4-(2,3-Diphenylquinoxalin-5-yl) phenyl)diphenylphosphine oxide

Grade : Sublimed >99%  
 Formula : C<sub>38</sub>H<sub>27</sub>N<sub>2</sub>OP  
 M.W. : 558.61 g/mole  
 UV : 265 nm (IPA)  
 HOMO : -6.22 eV  
 LUMO : -3.01 eV



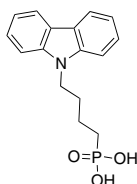
**LT-S9161** | C<sub>60</sub>-COOH-SAM4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C<sub>60</sub>-1h-[1,9-c]-pyrrol-2'-yl)benzoic acid

CAS No. : 631918-72-4  
 Grade : >99%  
 Formula : C<sub>70</sub>H<sub>11</sub>NO<sub>2</sub>  
 M.W. : 897.84 g/mole  
 UV : 345 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

**LT-S9567** | 4PACz

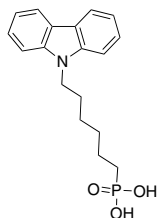
(4-(9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. : 20999-36-4  
 Grade : >99%  
 Formula : C<sub>16</sub>H<sub>18</sub>NO<sub>3</sub>P  
 M.W. : 303.29 g/mole

**LT-S9568** | 6PACz

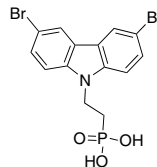
(6-(9H-carbazol-9-yl)hexyl)phosphonic acid

CAS No. : 3015516-21-6  
 Grade : >99%  
 Formula : C<sub>18</sub>H<sub>22</sub>NO<sub>3</sub>P  
 M.W. : 331.35 g/mole

**LT-S9569** | Br-2PACz

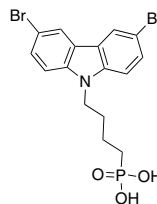
(2-(3,6-Dibromo-9H-carbazol-9-yl)ethyl)phosphonic acid

CAS No. : 2762888-11-7  
 Grade : >99%  
 Formula : C<sub>14</sub>H<sub>12</sub>Br<sub>2</sub>NO<sub>3</sub>P  
 M.W. : 433.03 g/mole  
 HOMO : -6.01 eV  
 LUMO : -2.64 eV

**LT-S9570** | Br-4PACz

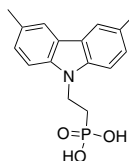
(4-(3,6-Dibromo-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. : 2996161-28-3  
 Grade : >99%  
 Formula : C<sub>16</sub>H<sub>16</sub>Br<sub>2</sub>NO<sub>3</sub>P  
 M.W. : 461.08 g/mole

**LT-S9571** | Me-2PACz

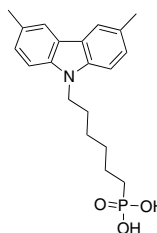
(2-(3,6-Dimethyl-9H-carbazol-9-yl)ethyl)phosphonic acid

Grade : >99%  
 Formula : C<sub>16</sub>H<sub>18</sub>NO<sub>3</sub>P  
 M.W. : 303.29 g/mole

**LT-S9572** | Me-6PACz

(6-(3,6-Dimethyl-9H-carbazol-9-yl)hexyl)phosphonic acid

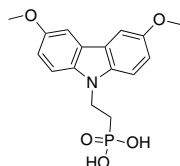
CAS No. : 2996161-29-4  
 Grade : >99%  
 Formula : C<sub>20</sub>H<sub>26</sub>NO<sub>3</sub>P  
 M.W. : 359.4 g/mole



**LT-S9573** | MeO-2PACz

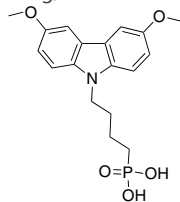
(2-(3,6-Dimethoxy-9H-carbazol-9-yl)ethyl)phosphonic acid

CAS No. :2377770-18-6  
 Grade :>99%  
 Formula :C<sub>16</sub>H<sub>18</sub>NO<sub>5</sub>P  
 M.W. :335.29 g/mole  
 HOMO :-5.3 eV  
 LUMO :-2.12 eV

**LT-S9574** | MeO-4PACz

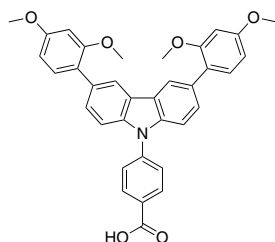
(4-(3,6-Dimethoxy-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. :2922526-56-3  
 Grade :>99%  
 Formula :C<sub>18</sub>H<sub>22</sub>NO<sub>5</sub>P  
 M.W. :363.34 g/mole

**LT-S9583** | EADR03

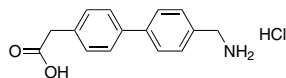
4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)benzoic acid

CAS No. :2918298-65-2  
 Grade :>99%  
 Formula :C<sub>35</sub>H<sub>29</sub>NO<sub>6</sub>  
 M.W. :559.61 g/mole  
 HOMO :-5.05 eV  
 LUMO :-1.77 eV

**LT-S9647**

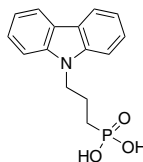
4'-(Aminomethyl)-[1,1'-biphenyl]-4-acetic acid

Grade :>99%  
 Formula :C<sub>15</sub>H<sub>16</sub>ClNO<sub>2</sub>  
 M.W. :277.75 g/mole

**LT-S9648** | 3PACz

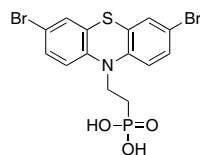
(3-(9H-carbazol-9-yl)propyl)phosphonic acid

CAS No. :915376-57-7  
 Grade :>99%  
 Formula :C<sub>15</sub>H<sub>16</sub>NO<sub>3</sub>P  
 M.W. :289.27 g/mole

**LT-S9649** | Br-2EPT

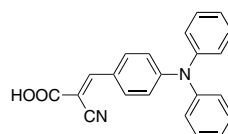
(2-(3,7-Dibromo-10H-phenothiazin-10-yl)ethyl)phosphonic acid

CAS No. :2826271-17-2  
 Grade :>99%  
 Formula :C<sub>14</sub>H<sub>12</sub>BrNO<sub>3</sub>PS  
 M.W. :465.10 g/mole  
 HOMO :-5.47 eV  
 LUMO :-2.12 eV

**LT-S9650** | LS1

2-Cyano-3-[4-(N-phenylanilino)phenyl]prop-2-enoic acid

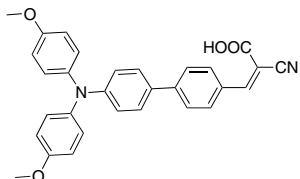
CAS No. :30388-31-9  
 Grade :>99%  
 Formula :C<sub>22</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :340.37 g/mole



### LT-S9667 | MPA-Ph-CA

(Z)-3-(4'-(Bis(4-methoxyphenyl)amino)-[1,1'-biphenyl]-4-yl)-2-cyanoacrylic acid

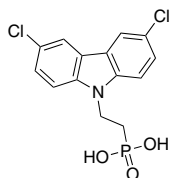
CAS No. :1813558-55-2  
 Grade :>99%  
 Formula :C<sub>30</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :476.52 g/mole  
 HOMO :-5.39 eV  
 LUMO :-2.64 eV



### LT-S9673 | Cl-2PACz

(2-(3,6-Dichloro-9H-carbazol-9-yl)ethyl)phosphonic acid

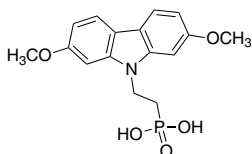
Grade :>99%  
 Formula :C<sub>14</sub>H<sub>12</sub>Cl<sub>2</sub>NO<sub>3</sub>P  
 M.W. :344.13 g/mole  
 HOMO :-6.05 eV  
 LUMO :-2.67 eV



### LT-S9674 | DC-PA

(2-(2,7-Dimethoxy-9H-carbazol-9-yl)ethyl)phosphonic acid

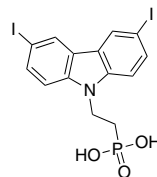
Grade :>99%  
 Formula :C<sub>16</sub>H<sub>18</sub>NO<sub>5</sub>P  
 M.W. :335.29 g/mole



### LT-S9675 | I-2PACz

(2-(3,6-Diiodo-9H-carbazol-9-yl)ethyl)phosphonic acid

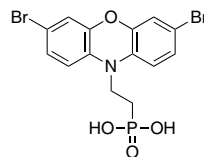
Grade :>99%  
 Formula :C<sub>14</sub>H<sub>12</sub>I<sub>2</sub>NO<sub>3</sub>P  
 M.W. :527.03 g/mole  
 HOMO :-5.98 eV  
 LUMO :-2.61 eV



### LT-S9676 | Br-2EPO

(2-(3,7-Dibromo-10H-phenoxazin-10-yl)ethyl)phosphonic acid

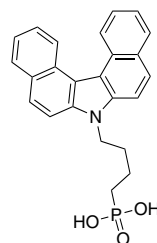
Grade :>99%  
 Formula :C<sub>14</sub>H<sub>12</sub>Br<sub>2</sub>NO<sub>4</sub>P  
 M.W. :449.03 g/mole  
 HOMO :-5.25 eV  
 LUMO :-1.81 eV



### LT-S9677 | CbzNaph

(4-(7H-dibenzo[c,g]carbazol-7-yl)butyl)phosphonic acid

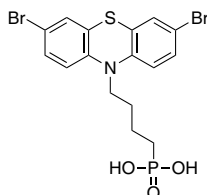
CAS No. :2882156-63-8  
 Grade :>99%  
 Formula :C<sub>24</sub>H<sub>22</sub>NO<sub>3</sub>P  
 M.W. :403.41 g/mole  
 HOMO :-5.35 eV  
 LUMO :-2.28 eV



**LT-S9678** | 2BrPTZPA

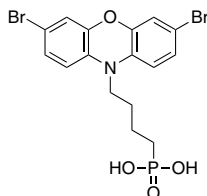
(4-(3,7-dibromo-10H-phenothiazin-10-yl)butyl)phosphonic acid

Grade :>99%  
 Formula :C<sub>16</sub>H<sub>16</sub>Br<sub>2</sub>NO<sub>3</sub>PS  
 M.W. :493.15 g/mole  
 HOMO :-5.34 eV  
 LUMO :-1.16 eV

**LT-S9679** | 2BrPXZPA

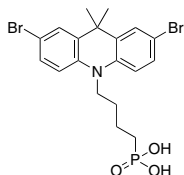
(4-(3,7-dibromo-10H-phenoxazin-10-yl)butyl)phosphonic acid

Grade :>99%  
 Formula :C<sub>16</sub>H<sub>16</sub>Br<sub>2</sub>NO<sub>4</sub>P  
 M.W. :477.08 g/mole  
 HOMO :-5.22 eV  
 LUMO :-1.01 eV

**LT-S9747** | DMAcPA **NEW**

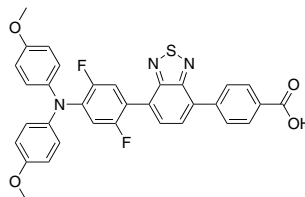
(4-(2,7-Dibromo-9,9-dimethylacridin-10(9H)-yl)butyl)phosphonic acid

CAS No :2971088-37-4  
 Grade :>98%  
 Formula :C<sub>19</sub>H<sub>22</sub>Br<sub>2</sub>NO<sub>3</sub>P  
 M.W. :503.16 g/mole

**LT-S9748** | MPA2FPh-BT-BA **NEW**

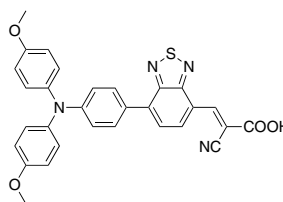
4-(7-(4-(Bis(4-methoxyphenyl)amino)-2,5-difluorophenyl)benzo[c][1,2,5]thiadiazol-4-yl)benzoic acid

Grade :>98%  
 Formula :C<sub>33</sub>H<sub>23</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub>S  
 M.W. :595.62 g/mole

**LT-S9750** | MPA-BT-CA **NEW**

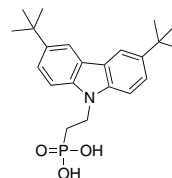
(E)-3-(7-(4-(Bis(4-methoxyphenyl)amino)phenyl)benzo[c][1,2,5]thiadiazol-4-yl)-2-cyanoacrylic acid

Grade :>98%  
 Formula :C<sub>30</sub>H<sub>22</sub>N<sub>4</sub>O<sub>4</sub>S  
 M.W. :534.59 g/mole  
 UV :514 nm (in THF)  
 HOMO :-5.29 eV  
 LUMO :-3.26 eV

**LT-S9755** | tBu-2PACz

(2-(3,6-Di-tert-butyl-9H-carbazol-9-yl)ethyl)phosphonic acid

Grade :>98%  
 Formula :C<sub>22</sub>H<sub>30</sub>NO<sub>3</sub>P  
 M.W. :387.45 g/mole





## LT-S9791

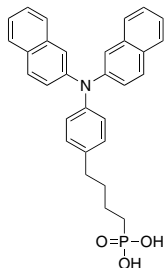
NEW

(4-(4-(Di(naphthalen-2-yl)amino)phenyl)butyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{30}H_{28}NO_3P$ 

M.W. : 481.52 g/mole



## LT-S9792

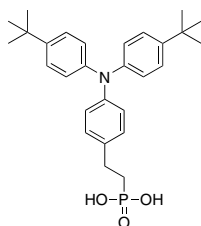
NEW

(4-(Bis(4-(tert-butyl)phenyl)amino)phenethyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{28}H_{36}NO_3P$ 

M.W. : 465.56 g/mole



## LT-S9793

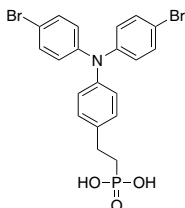
NEW

(4-(bis(4-bromophenyl)amino)phenethyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{20}H_{18}Br_2NO_3P$ 

M.W. : 511.14 g/mole



## LT-S9794

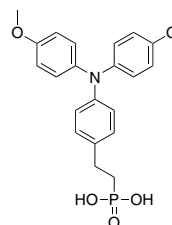
NEW

(4-(Bis(4-methoxyphenyl)amino)phenethyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{22}H_{24}NO_5P$ 

M.W. : 413.4 g/mole



## LT-S9795

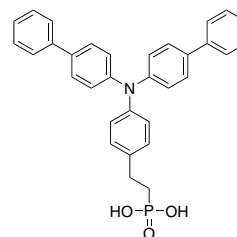
NEW

(4-(Di([1,1'-biphenyl]-4-yl)amino)phenethyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{32}H_{28}NO_3P$ 

M.W. : 505.54 g/mole



## LT-S9796

NEW

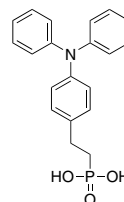
(4-(Diphenylamino)phenethyl)phosphonic acid

CAS No. : 3015516-16-9

Grade : &gt; 98%

Formula :  $C_{20}H_{20}NO_3P$ 

M.W. : 353.35 g/mole



## LT-S9797

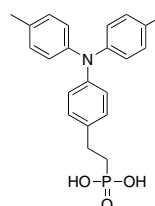
NEW

(4-(Di-p-tolylamino)phenethyl)phosphonic acid

Grade : &gt; 98%

Formula :  $C_{22}H_{24}NO_3P$ 

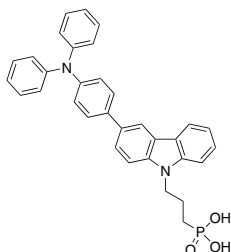
M.W. : 381.4 g/mole



**LT-S9798** | 4dp3PACz **NEW**

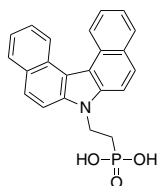
[3-[4-(Diphenylamino)phenyl]-9H-carbazol-9-yl] propylphosphonic acid

Grade : >98%  
 Formula :  $C_{33}H_{29}N_2O_3P$   
 M.W. : 532.57 g/mole

**LT-S9799** | DCB-C2-POOH **NEW**

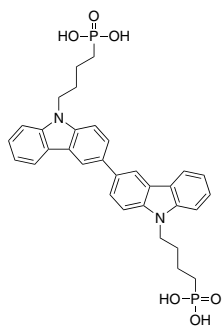
[2-(7H-dibenzo[c,g]carbazol-7-yl)ethyl]phosphonic acid

CAS No. : 2882156-61-6  
 Grade : >99%  
 Formula :  $C_{22}H_{18}NO_3P$   
 M.W. : 375.36 g/mole  
 HOMO : -5.53 eV  
 LUMO : -2.34 eV

**LT-S9800** | DCZ-C4POH **NEW**

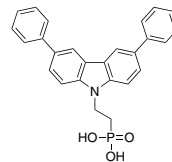
(9H,9'H-[3,3'-bicarbazole]-9,9'-diylbis(butane-4,1-diyl)) diphosphonic acid

Grade : >98%  
 Formula :  $C_{32}H_{34}N_2O_6P_2$   
 M.W. : 604.57 g/mole

**LT-S9801** | Ph-2PACz **NEW**

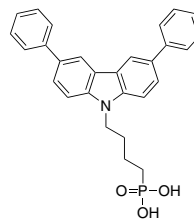
(2-(3,6-Diphenyl-9H-carbazol-9-yl)ethyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{26}H_{22}NO_3P$   
 M.W. : 427.43 g/mole

**LT-S9802** | Ph-4PACz **NEW**

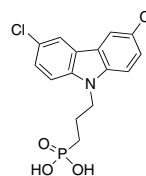
(4-(3,6-Diphenyl-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. : 2814500-04-2  
 Grade : >99%  
 Formula :  $C_{28}H_{26}NO_3P$   
 M.W. : 455.48 g/mole

**LT-S9851** | Cl-3PACz **NEW**

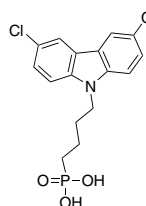
(4-(3,6-Dichloro-9H-carbazol-9-yl)propyl)phosphonic acid

CAS No. :  
 Grade : >99%  
 Formula :  $C_{15}H_{14}Cl_2NO_3P$   
 M.W. : 358.16 g/mole

**LT-S9852** | Cl-4PACz **NEW**

(4-(3,6-Dichloro-9H-carbazol-9-yl)butyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{16}H_{16}Cl_2NO_3P$   
 M.W. : 372.18 g/mole

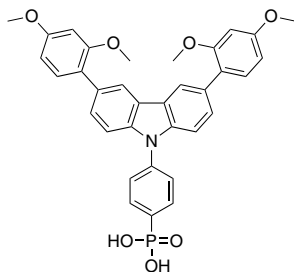


## LT-S9842

NEW

(4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)phenyl) phosphonic acid

Grade :>98%  
 Formula :C<sub>34</sub>H<sub>30</sub>NO<sub>7</sub>P  
 M.W. :595.58 g/mole

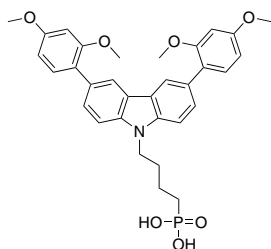


## LT-S9843

NEW

(4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)butyl) phosphonic acid

CAS No :2986396-31-8  
 Grade :>98%  
 Formula :C<sub>32</sub>H<sub>34</sub>NO<sub>7</sub>P  
 M.W. :575.59 g/mole

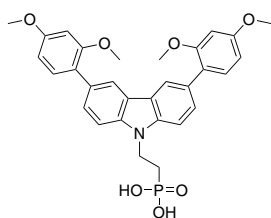


## LT-S9844

NEW

(2-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)ethyl) phosphonic acid

CAS No :2986396-25-0  
 Grade :>98%  
 Formula :C<sub>30</sub>H<sub>30</sub>NO<sub>7</sub>P  
 M.W. :547.54 g/mole



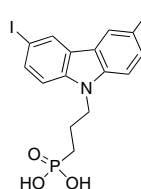
## LT-S9855

I-3PACz

NEW

(4-(3,6-Diiodo-9H-carbazol-9-yl)propyl)phosphonic acid

Grade :>99%  
 Formula :C<sub>15</sub>H<sub>14</sub>I<sub>2</sub>NO<sub>3</sub>P  
 M.W. :541.06 g/mole



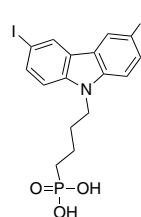
## LT-S9856

I-4PACz

NEW

(4-(3,6-Diiodo-9H-carbazol-9-yl)butyl)phosphonic acid

Grade :>99%  
 Formula :C<sub>16</sub>H<sub>16</sub>I<sub>2</sub>NO<sub>3</sub>P  
 M.W. :555.09 g/mole



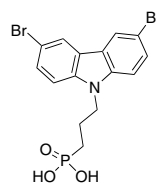
## LT-S9857

Br-3PACz

NEW

(4-(3,6-Dibromo-9H-carbazol-9-yl)propyl)phosphonic acid

Grade :>99%  
 Formula :C<sub>15</sub>H<sub>14</sub>Br<sub>2</sub>NO<sub>3</sub>P  
 M.W. :447.06 g/mole



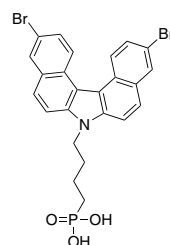
## LT-S9859

Br-4PADBC

NEW

(4-(3,11-Dibromo-7H-dibenzo[c,g]carbazol-7-yl)butyl) phosphonic acid

Grade :>98%  
 Formula :C<sub>24</sub>H<sub>20</sub>Br<sub>2</sub>NO<sub>3</sub>P  
 M.W. :561.2 g/mole

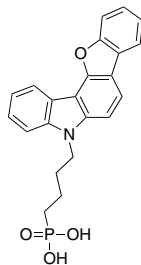


## LT-S9860 | CbzBF

**NEW**

(4-(5H-benzofuro[3,2-c]carbazol-5-yl)butyl)phosphonic acid

Grade : > 98%  
 Formula :  $C_{22}H_{20}NO_4P$   
 M.W. : 393.37 g/mole  
 HOMO : -5.5 eV  
 LUMO : -1.15 eV

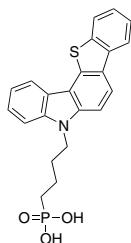


## LT-S9861 | CbzBT

**NEW**

(4-(5H-benzo[4,5]thieno[3,2-c]carbazol-5-yl)butyl)phosphonic acid

Grade : > 98%  
 Formula :  $C_{22}H_{20}NO_3PS$   
 M.W. : 409.44 g/mole  
 HOMO : -5.54 eV  
 LUMO : -1.17 eV

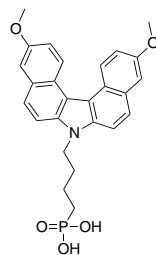


## LT-S9862 | MeO-4PADBC

**NEW**

(4-(3,11-Dimethoxy-7H-dibenzo[c,g]carbazol-7-yl)butyl) phosphonic acid

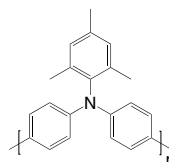
Grade : > 98%  
 Formula :  $C_{26}H_{26}NO_5P$   
 M.W. : 463.46 g/mole  
 HOMO : -4.91 eV  
 LUMO : -1.15 eV



## LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

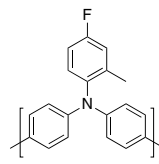
CAS No. : 1333317-99-9  
 Grade : Mw = 20,000~100,000 (GPC)  
 Formula :  $(C_{21}H_{19}N)_n$   
 UV : 388 nm (in  $CH_2Cl_2$ )  
 PL : 424 nm (in  $CH_2Cl_2$ )  
 Solvent : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-N1021 | 1F-PTAA

Poly[bis(4-phenyl)(4-fluoro-2-methylphenyl)amine]

Grade : Mw > 20,000  
 Formula :  $(C_{19}H_{14}FN)_n$   
 HOMO : -5.52 eV  
 LUMO : -2.55 eV

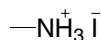


## Perovskite Precursor

## LT-S9126 | MAI

## Methylammonium iodide

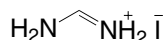
CAS No. : 14965-49-2  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>6</sub>I  
 M.W. : 158.97 g/mole



## LT-S9136 | FAI

## Formamidinium iodide

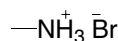
CAS No. : 879643-71-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>5</sub>IN<sub>2</sub><sup>+</sup>  
 M.W. : 171.97 g/mole



## LT-S9137 | MABr

## Methylammonium bromide

CAS No. : 6876-37-5  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>6</sub>BrN  
 M.W. : 111.97 g/mole

LT-S9147 | Pbl<sub>2</sub>

## Lead(II) iodide

CAS No. : 10101-63-0  
 Grade : 99.999% (trace metals basis)  
 Formula : Pbl<sub>2</sub>  
 M.W. : 461.01 g/mole

LT-S9148 | PbCl<sub>2</sub>

## Lead(II) chloride

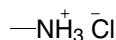
CAS No. : 7758-95-4  
 Grade : 99.999% (trace metals basis)  
 Formula : PbCl<sub>2</sub>  
 M.W. : 278.11 g/mole



## LT-S9151 | MACl

## Methylammonium chloride

CAS No. : 593-51-1  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>6</sub>ClN  
 M.W. : 67.52 g/mole

LT-S9152 | PbBr<sub>2</sub>

## Lead(II) bromide

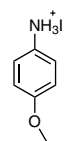
CAS No. : 10031-22-8  
 Grade : 99.999% trace metals basis  
 Formula : PbBr<sub>2</sub>  
 M.W. : 367.01 g/mole



## LT-S9206 |

## 4-Methoxyphenylammonium iodide

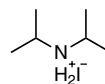
Grade : >99.5% , recrystallized 4 times  
 Formula : C<sub>7</sub>H<sub>10</sub>INO  
 M.W. : 251.06 g/mole



## LT-S9207 |

## Diisopropylammonium iodide

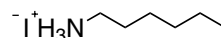
Grade : >99.5% , recrystallized 4 times  
 Formula : C<sub>6</sub>H<sub>16</sub>IN  
 M.W. : 229.1 g/mole



## LT-S9208 |

## Hexylammonium iodide

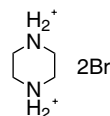
Grade : >99.5% , recrystallized 4 times  
 Formula : C<sub>6</sub>H<sub>16</sub>IN  
 M.W. : 229.1 g/mole



## LT-S9217 |

## Piperazine-1,4-dium bromide

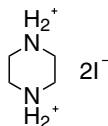
CAS No. : 59813-05-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula : C<sub>4</sub>H<sub>12</sub>Br<sub>2</sub>N<sub>2</sub><sup>+</sup>  
 M.W. : 247.96 g/mole



## LT-S9218

Piperazine-1,4-dium iodide

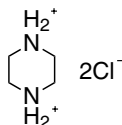
CAS No. : 58464-47-4  
 Grade : >99% (NMR & EA)  
 Formula :  $C_4H_{12}N_2$   
 M.W. : 341.96 g/mole



## LT-S9219

Piperazine-1,4-dium chloride

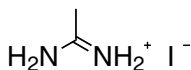
CAS No. : 142-64-3  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_4H_{12}Cl_2N_2$   
 M.W. : 159.06 g/mole



## LT-S9220

Acetamidinium iodide

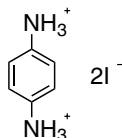
CAS No. : 1452099-14-7  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_2H_7IN_2$   
 M.W. : 185.99 g/mole



## LT-S9224

1,4-Benzene diammonium iodide

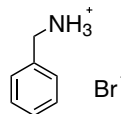
CAS No. : 116469-02-4  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_6H_{10}N_2$   
 M.W. : 363.97 g/mole



## LT-S9225

Benzylammonium bromide

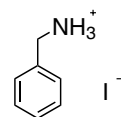
CAS No. : 37488-40-7  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_7H_{10}BrN$   
 M.W. : 188.06 g/mole



## LT-S9226

Benzylammonium iodide

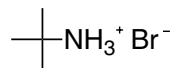
Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_7H_{10}IN$   
 M.W. : 235.07 g/mole



## LT-S9227

t-Butylammonium bromide

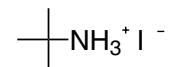
CAS No. : 60469-70-7  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_4H_{12}BrN$   
 M.W. : 154.05 g/mole



## LT-S9228

t-Butylammonium iodide

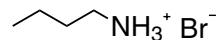
CAS No. : 39557-45-4  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_4H_{12}IN$   
 M.W. : 201.05 g/mole



## LT-S9229

n-Butylammonium bromide

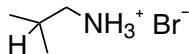
CAS No. : 15567-09-6  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $C_4H_{12}BrN$   
 M.W. : 154.05 g/mole



## LT-S9230

## iso-Butylammonium bromide

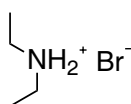
Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_4H_{12}BrN$   
 M.W. : 154.05 g/mole



## LT-S9231

## Diethylammonium bromide

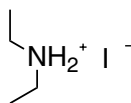
CAS No. : 6274-12-0  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_4H_{12}BrN$   
 M.W. : 154.05 g/mole



## LT-S9232

## Diethylammonium iodide

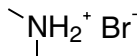
CAS No. : 19833-78-4  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_4H_{12}IN$   
 M.W. : 201.05 g/mole



## LT-S9233

## Dimethylammonium bromide

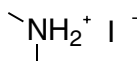
CAS No. : 6912-12-5  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_2H_8BrN$   
 M.W. : 126 g/mole



## LT-S9234

## Dimethylammonium iodide

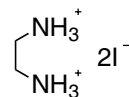
CAS No. : 51066-74-1  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_2H_8IN$   
 M.W. : 173 g/mole



## LT-S9235

## 1,2-Diammoniummethane iodide

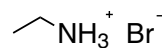
CAS No. : 5700-49-2  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_2H_{10}I_2N_2$   
 M.W. : 315.92 g/mole



## LT-S9236

## Ethylammonium bromide

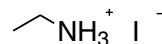
CAS No. : 593-55-5  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_2H_8BrN$   
 M.W. : 125.99 g/mole



## LT-S9237

## Ethylammonium iodide

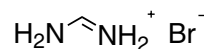
CAS No. : 506-58-1  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_2H_8IN$   
 M.W. : 173 g/mole



## LT-S9238 FABr

## Formamidinium bromide

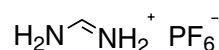
CAS No. : 146958-06-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $CH_5BrN_2$   
 M.W. : 124.97 g/mole



## LT-S9239

## Formamidinium hexafluorophosphate

Grade : >99.5% , recrystallized 4 times  
 Formula :  $CH_5F_6N_2P$   
 M.W. : 190.03 g/mole

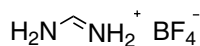


## Perovskite Precursor

## LT-S9240

## Formamidinium tetrafluoroborate

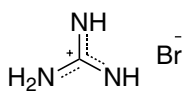
Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{CH}_5\text{BF}_4\text{N}_2$   
 M.W. : 131.87 g/mole



## LT-S9241

## Guanidinium bromide

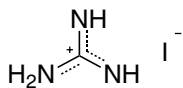
CAS No. : 19244-98-5  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{CH}_6\text{BrN}_3$   
 M.W. : 139.98 g/mole



## LT-S9242

## Guanidinium iodide

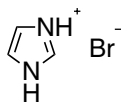
CAS No. : 19227-70-4  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{CH}_6\text{IN}_3$   
 M.W. : 186.98 g/mole



## LT-S9243

## Imidazolium bromide

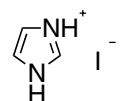
CAS No. : 101023-55-6  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{C}_3\text{H}_5\text{BrN}_2$   
 M.W. : 148.99 g/mole



## LT-S9244

## Imidazolium iodide

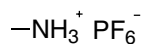
CAS No. : 68007-08-9  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{C}_3\text{H}_5\text{IN}_2$   
 M.W. : 195.99 g/mole



## LT-S9245

## Methylammonium hexafluorophosphate

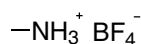
CAS No. : 28302-50-3  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{CH}_6\text{PF}_6\text{N}$   
 M.W. : 177.03 g/mole



## LT-S9246

## Methylammonium tetrafluoroborate

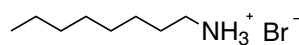
CAS No. : 42539-74-2  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{CH}_6\text{BF}_4\text{N}$   
 M.W. : 118.87 g/mole



## LT-S9247

## n-Octylammonium bromide

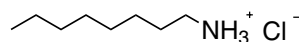
CAS No. : 14846-47-0  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{C}_8\text{H}_{20}\text{BrN}$   
 M.W. : 210.16 g/mole



## LT-S9248

## n-Octylammonium chloride

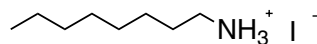
CAS No. : 142-95-0  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{C}_8\text{H}_{20}\text{ClN}$   
 M.W. : 165.7 g/mole



## LT-S9249

## n-Octylammonium iodide

CAS No. : 60734-63-6  
 Grade : >99.5%, recrystallized 4 times  
 Formula :  $\text{C}_8\text{H}_{20}\text{IN}$   
 M.W. : 257.16 g/mole

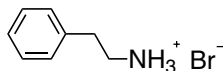




## LT-S9250

## Phenethylammonium bromide

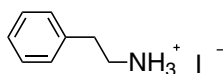
CAS No. : 53916-94-2  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_8H_{12}BrN$   
 M.W. : 202.09 g/mole



## LT-S9251

## Phenethylammonium iodide

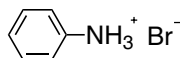
CAS No. : 151059-43-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_8H_{12}IN$   
 M.W. : 249.09 g/mole



## LT-S9252

## Phenylammonium bromide

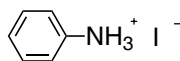
CAS No. : 542-11-0  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_6H_8BrN$   
 M.W. : 174.04 g/mole



## LT-S9253

## Phenylammonium iodide

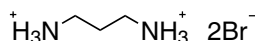
CAS No. : 45497-73-2  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_6H_8IN$   
 M.W. : 221.04 g/mole



## LT-S9254

## 1,3-Diammoniumpropane bromide

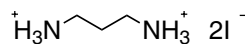
CAS No. : 18773-03-0  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_3H_{12}Br_2N_2$   
 M.W. : 235.95 g/mole



## LT-S9255

## 1,3-Diammoniumpropane iodide

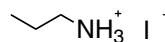
CAS No. : 120675-53-8  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_3H_{12}I_2N_2$   
 M.W. : 329.95 g/mole



## LT-S9256

## n-Propylammonium iodide

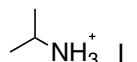
CAS No. : 14488-45-0  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_3H_{10}IN$   
 M.W. : 187.02 g/mole



## LT-S9257

## iso-Propylammonium iodide

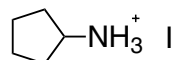
Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_3H_{10}IN$   
 M.W. : 187.02 g/mole



## LT-S9258

## Pyrrolidinium iodide

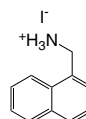
CAS No. : 45361-12-4  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_4H_{10}IN$   
 M.W. : 199.03 g/mole



## LT-S9286

## 1-Naphthylmethylamine iodide

CAS No. : 256222-11-4  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_{11}H_{12}IN$   
 M.W. : 285.12 g/mole

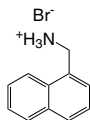


## Perovskite Precursor

## LT-S9287

## 1-Naphthylmethylamine bromide

CAS No. : 217309-83-6  
 Grade : >99.5% , recrystallized 4 times  
 Formula :  $C_{11}H_{12}BrN$   
 M.W. : 238.12 g/mole



## LT-S9300

## Butane-1,4-diammonium iodide

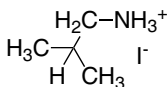
CAS No. : 916849-52-0  
 Grade : >99%  
 Formula :  $C_4H_{14}I_2N_2$   
 M.W. : 343.98 g/mole



## LT-S9301

## iso-Butylammonium iodide

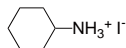
CAS No. : 205508-75-4  
 Grade : >99%  
 Formula :  $C_4H_{12}IN$   
 M.W. : 201.05 g/mole



## LT-S9302

## Cyclohexylammonium iodide

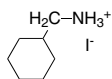
CAS No. : 45492-87-3  
 Grade : >99%  
 Formula :  $C_6H_{14}IN$   
 M.W. : 227.09 g/mole



## LT-S9303

## Cyclohexylmethylammonium iodide

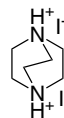
Grade : >99%  
 Formula :  $C_7H_{16}IN$   
 M.W. : 241.11 g/mole



## LT-S9304

## 1,4-Diazabicyclo[2,2,2]octane-1,4-diium iodide

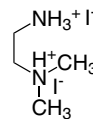
CAS No. : 33322-06-4  
 Grade : >99%  
 Formula :  $C_6H_{14}I_2N_2$   
 M.W. : 368 g/mole



## LT-S9305

## N,N-Dimethyl-1,2-ethanediammonium iodide

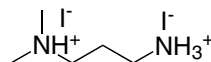
CAS No. : 244234-52-4  
 Grade : >99%  
 Formula :  $C_4H_{14}I_2N_2$   
 M.W. : 343.98 g/mole



## LT-S9306

## N,N-Dimethyl-1,3-propanediammonium iodide

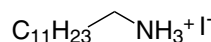
Grade : >99%  
 Formula :  $C_5H_{16}I_2N_2$   
 M.W. : 358 g/mole



## LT-S9307

## n-Dodecylammonium iodide

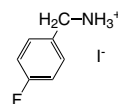
CAS No. : 34099-97-3  
 Grade : >99%  
 Formula :  $C_{12}H_{28}IN$   
 M.W. : 313.26 g/mole



## LT-S9308

## 4-Fluoro-benzylammonium iodide

CAS No. : 2097121-30-5  
 Grade : >99%  
 Formula :  $C_7H_9FIN$   
 M.W. : 253.06 g/mole

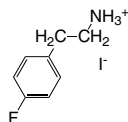


## Perovskite Precursor

## LT-S9309

## 4-Fluoro-phenethylammonium iodide

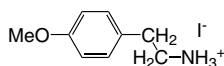
CAS No. : 1413269-55-2  
 Grade : >99%  
 Formula : C<sub>8</sub>H<sub>11</sub>FIN  
 M.W. : 267.08 g/mole



## LT-S9311

## 4-Methoxy-phenethylammonium iodide

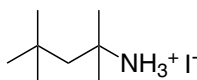
Grade : >99%  
 Formula : C<sub>9</sub>H<sub>14</sub>INO  
 M.W. : 279.12 g/mole



## LT-S9312

## tert-Octylammonium iodide

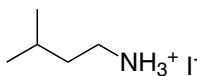
Grade : >99%  
 Formula : C<sub>8</sub>H<sub>20</sub>IN  
 M.W. : 257.16 g/mole



## LT-S9313

## iso-Pentylammonium iodide

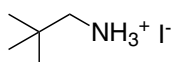
Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>IN  
 M.W. : 215.06 g/mole



## LT-S9314

## neo-Pentylammonium iodide

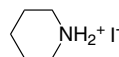
Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>IN  
 M.W. : 215.08 g/mole



## LT-S9315

## Piperidinium iodide

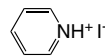
CAS No. : 21701-42-8  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>12</sub>IN  
 M.W. : 213.06 g/mole



## LT-S9316

## Pyridinium iodide

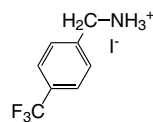
CAS No. : 18820-83-2  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>6</sub>IN  
 M.W. : 207.01 g/mole



## LT-S9317

## 4-Trifluoromethyl-benzylammonium iodide

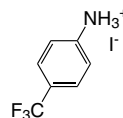
Grade : >99%  
 Formula : C<sub>8</sub>H<sub>9</sub>F<sub>3</sub>IN  
 M.W. : 303.06 g/mole



## LT-S9318

## 4-Trifluoromethyl-phenylammonium iodide

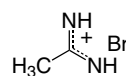
Grade : >99%  
 Formula : C<sub>7</sub>H<sub>7</sub>IF<sub>3</sub>N  
 M.W. : 289.04 g/mole



## LT-S9319

## Acetamidinium bromide

CAS No. : 1040352-82-6  
 Grade : >99%  
 Formula : C<sub>2</sub>H<sub>7</sub>BrN<sub>2</sub>  
 M.W. : 138.99 g/mole

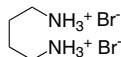


## Perovskite Precursor

## LT-S9320

Butane-1,4-diammonium bromide

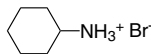
CAS No. : 18773-04-1  
 Grade : >99%  
 Formula :  $C_4H_{14}Br_2N_2$   
 M.W. : 249.98 g/mole



## LT-S9321

Cyclohexylammonium bromide

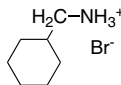
CAS No. : 26227-54-3  
 Grade : >99%  
 Formula :  $C_6H_{14}BrN$   
 M.W. : 180.09 g/mole



## LT-S9322

Cyclohexylmethylammonium bromide

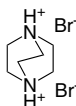
Grade : >99%  
 Formula :  $C_7H_{16}BrN$   
 M.W. : 194.11 g/mole



## LT-S9323

1,4-Diazabicyclo[2,2,2]octane-1,4-dium bromide

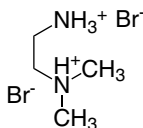
CAS No. : 54581-69-0  
 Grade : >99%  
 Formula :  $C_6H_{14}Br_2N_2$   
 M.W. : 274 g/mole



## LT-S9324

N,N-Dimethylethane-1,2-ethanediammonium bromide

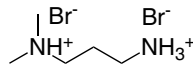
CAS No. : 1245570-04-0  
 Grade : >99%  
 Formula :  $C_4H_{14}Br_2N_2$   
 M.W. : 249.98 g/mole



## LT-S9325

N,N-Dimethyl-1,3-propanediammonium bromide

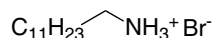
Grade : >99%  
 Formula :  $C_5H_{16}Br_2N_2$   
 M.W. : 264 g/mole



## LT-S9326

n-Dodecylammonium bromide

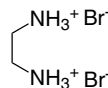
CAS No. : 26204-55-7  
 Grade : >99%  
 Formula :  $C_{12}H_{28}BrN$   
 M.W. : 266.26 g/mole



## LT-S9327

Ethane-1,2-diammonium bromide

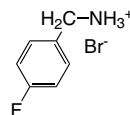
CAS No. : 624-59-9  
 Grade : >99%  
 Formula :  $C_2H_{10}Br_2N_2$   
 M.W. : 221.92 g/mole



## LT-S9328

4-Fluoro-benzylammonium bromide

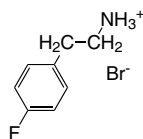
Grade : >99%  
 Formula :  $C_7H_9FBrN$   
 M.W. : 206.06 g/mole



## LT-S9329

4-Fluoro-phenethylammonium bromide

CAS No. : 1807536-06-6  
 Grade : >99%  
 Formula :  $C_8H_{11}BrFN$   
 M.W. : 220.08 g/mole

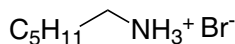


## Perovskite Precursor

## LT-S9330

## n-Hexylammonium bromide

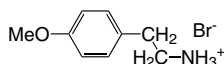
CAS No. : 7334-95-4  
 Grade : >99%  
 Formula : C<sub>6</sub>H<sub>16</sub>BrN  
 M.W. : 182.1 g/mole



## LT-S9331

## 4-Methoxy-phenethylammonium bromide

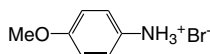
Grade : >99%  
 Formula : C<sub>9</sub>H<sub>14</sub>BrNO  
 M.W. : 232.12 g/mole



## LT-S9332

## 4-Methoxy-phenylammonium bromide

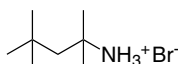
CAS No. : 116436-31-8  
 Grade : >99%  
 Formula : C<sub>9</sub>H<sub>14</sub>BrNO  
 M.W. : 232.12 g/mole



## LT-S9333

## tert-Octylammonium bromide

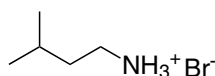
CAS No. : 1093859-61-0  
 Grade : >99%  
 Formula : C<sub>8</sub>H<sub>20</sub>BrN  
 M.W. : 210.16 g/mole



## LT-S9334

## iso-Pentylammonium bromide

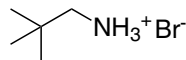
Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>BrN  
 M.W. : 168.08 g/mole



## LT-S9335

## neo-Pentylammonium bromide

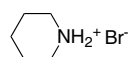
Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>BrN  
 M.W. : 168.08 g/mole



## LT-S9336

## Piperidinium bromide

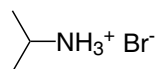
CAS No. : 14066-85-4  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>12</sub>BrN  
 M.W. : 166.06 g/mole



## LT-S9337

## iso-Propylammonium bromide

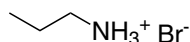
CAS No. : 29552-58-7  
 Grade : >99%  
 Formula : C<sub>3</sub>H<sub>10</sub>BrN  
 M.W. : 140.02 g/mole



## LT-S9338

## n-Propylammonium bromide

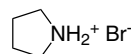
CAS No. : 4905-83-3  
 Grade : >99%  
 Formula : C<sub>3</sub>H<sub>10</sub>BrN  
 M.W. : 140.02 g/mole



## LT-S9339

## Pyrrolidinium bromide

CAS No. : 55810-80-5  
 Grade : >99%  
 Formula : C<sub>4</sub>H<sub>10</sub>BrN  
 M.W. : 152.03 g/mole



## LT-S9340

## Quinuclidin-1-ium bromide

CAS No. : 60662-68-2  
 Grade : >99%  
 Formula :  $C_7H_{14}BrN$   
 M.W. : 192.1 g/mole



## LT-S9341

## 4-Trifluoromethyl-benzylammonium bromide

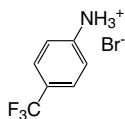
Grade : >99%  
 Formula :  $C_8H_9F_3BrN$   
 M.W. : 256.06 g/mole



## LT-S9342

## 4-Trifluoromethyl-phenylammonium bromide

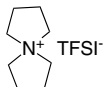
Grade : >99%  
 Formula :  $C_7H_7BrF_3N$   
 M.W. : 242.03 g/mole



## LT-S9343

## 5-Azaspiro[4.4]nonan-5-ium bis(trifluoromethane)sulfonimide

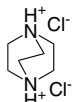
CAS No. : 706759-44-6  
 Grade : >99%  
 Formula :  $C_{10}H_{16}F_6N_2O_4S_2$   
 M.W. : 406.37 g/mole



## LT-S9344

## 1,4-Diazabicyclo[2.2.2]octane-1,4-dium chloride

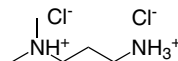
CAS No. : 49563-87-3  
 Grade : >99%  
 Formula :  $C_6H_{14}Cl_2N_2$   
 M.W. : 185.09 g/mole



## LT-S9345

## N,N-Dimethyl-1,3-propanediammonium chloride

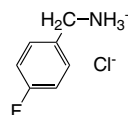
CAS No. : 52198-63-7  
 Grade : >99%  
 Formula :  $C_5H_{16}Cl_2N_2$   
 M.W. : 175.1 g/mole



## LT-S9346

## 4-Fluoro-benzylammonium chloride

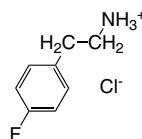
CAS No. : 659-41-6  
 Grade : >99%  
 Formula :  $C_7H_9FCIN$   
 M.W. : 161.6 g/mole



## LT-S9347

## 4-Fluoro-phenethylammonium chloride

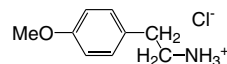
CAS No. : 459-19-8  
 Grade : >99%  
 Formula :  $C_8H_{11}ClFN$   
 M.W. : 175.63 g/mole



## LT-S9348

## 4-Methoxy-phenethylammonium chloride

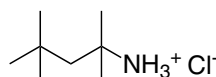
CAS No. : 645-58-9  
 Grade : >99%  
 Formula :  $C_9H_{14}ClNO$   
 M.W. : 187.67 g/mole



## LT-S9349

## tert-Octylammonium chloride

CAS No. : 58618-91-0  
 Grade : >99%  
 Formula :  $C_8H_{20}ClN$   
 M.W. : 165.7 g/mole

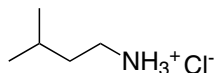


## Perovskite Precursor

## LT-S9350

## iso-Pentylammonium chloride

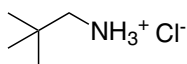
CAS No. : 541-23-1  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>ClN  
 M.W. : 123.62 g/mole



## LT-S9351

## neo-Pentylammonium chloride

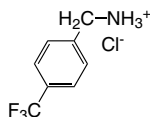
CAS No. : 15925-18-5  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>14</sub>ClN  
 M.W. : 123.62 g/mole



## LT-S9352

## 4-Trifluoromethyl-benzylammonium chloride

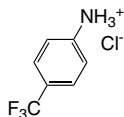
CAS No. : 3047-99-2  
 Grade : >99%  
 Formula : C<sub>8</sub>H<sub>9</sub>F<sub>3</sub>ClN  
 M.W. : 211.61 g/mole



## LT-S9353

## 4-Trifluoromethyl-phenylammonium chloride

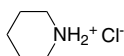
CAS No. : 90774-69-9  
 Grade : >99%  
 Formula : C<sub>7</sub>H<sub>7</sub>ClF<sub>3</sub>N  
 M.W. : 197.59 g/mole



## LT-S9354

## Piperidinium chloride

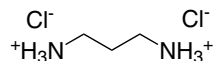
CAS No. : 6091-44-7  
 Grade : >99%  
 Formula : C<sub>5</sub>H<sub>12</sub>ClN  
 M.W. : 121.61 g/mole



## LT-S9355

## Propane-1,3-diammonium chloride

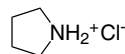
CAS No. : 10517-44-9  
 Grade : >99%  
 Formula : C<sub>3</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>  
 M.W. : 147.05 g/mole



## LT-S9356

## Pyrrolidinium chloride

CAS No. : 25150-61-2  
 Grade : >99%  
 Formula : C<sub>4</sub>H<sub>10</sub>ClN  
 M.W. : 107.58 g/mole



## LT-S9357

## Quinuclidin-1-ium chloride

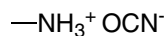
CAS No. : 39896-06-5  
 Grade : >99%  
 Formula : C<sub>7</sub>H<sub>14</sub>ClN  
 M.W. : 147.65 g/mole



## LT-S9358

## Methylammonium cyanate

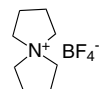
CAS No. : 63405-91-4  
 Grade : >99%  
 Formula : C<sub>2</sub>H<sub>6</sub>N<sub>2</sub>O  
 M.W. : 74.08 g/mole



## LT-S9359

## 5-Azaspino[4.4]nonan-5-ium tetrafluoroborate

CAS No. : 129211-47-8  
 Grade : >99%  
 Formula : C<sub>8</sub>H<sub>16</sub>BF<sub>4</sub>N  
 M.W. : 213.02 g/mole

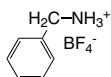


## Perovskite Precursor

## LT-S9360

## Benzylammonium tetrafluoroborate

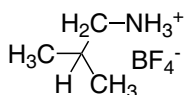
CAS No. : 41579-49-1  
 Grade : >99%  
 Formula :  $C_7H_{10}BF_4N$   
 M.W. : 194.97 g/mole



## LT-S9361

## iso-Butylammonium tetrafluoroborate

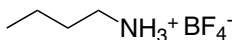
CAS No. : 71852-72-7  
 Grade : >99%  
 Formula :  $C_4H_{12}BF_4N$   
 M.W. : 160.95 g/mole



## LT-S9362

## n-Butylammonium tetrafluoroborate

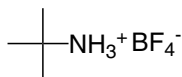
CAS No. : 71852-73-8  
 Grade : >99%  
 Formula :  $C_4H_{12}BF_4N$   
 M.W. : 160.95 g/mole



## LT-S9363

## t-Butylammonium tetrafluoroborate

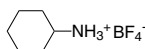
CAS No. : 24418-92-6  
 Grade : >99%  
 Formula :  $C_4H_{12}BF_4N$   
 M.W. : 160.95 g/mole



## LT-S9364

## Cyclohexylammonium tetrafluoroborate

CAS No. : 71893-43-1  
 Grade : >99%  
 Formula :  $C_6H_{14}BF_4N$   
 M.W. : 186.99 g/mole



## LT-S9365

## 1,4-Diazabicyclo[2,2,2]octane-1,4-dium tetrafluoroborate

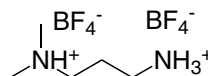
Grade : >99%  
 Formula :  $C_6H_{14}B_2F_8N_2$   
 M.W. : 287.8 g/mole



## LT-S9366

## N,N-Dimethyl-1,3-propanediammonium tetrafluoroborate

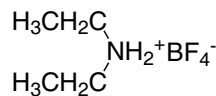
Grade : >99%  
 Formula :  $C_5H_{16}B_2F_8N_2$   
 M.W. : 277.8 g/mole



## LT-S9367

## Diethylammonium tetrafluoroborate

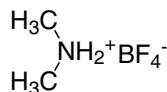
CAS No. : 17085-33-5  
 Grade : >99%  
 Formula :  $C_4H_{12}BF_4N$   
 M.W. : 160.95 g/mole



## LT-S9368

## Dimethylammonium tetrafluoroborate

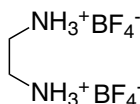
CAS No. : 16970-97-1  
 Grade : >99%  
 Formula :  $C_2H_8BF_4N$   
 M.W. : 132.9 g/mole



## LT-S9369

## Ethane-1,2-diammonium tetrafluoroborate

Grade : >99%  
 Formula :  $C_2H_{10}B_2F_8N_2$   
 M.W. : 235.72 g/mole

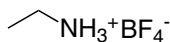




## LT-S9370

## Ethylammonium tetrafluoroborate

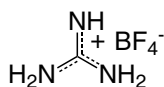
CAS No. : 12070-78-9  
 Grade : >99%  
 Formula :  $C_2H_8BF_4N$   
 M.W. : 132.9 g/mole



## LT-S9371

## Guanidinium tetrafluoroborate

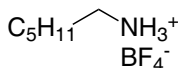
CAS No. : 36595-00-3  
 Grade : >99%  
 Formula :  $CH_6BF_4N_3$   
 M.W. : 146.88 g/mole



## LT-S9372

## n-Hexylammonium tetrafluoroborate

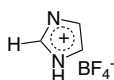
CAS No. : 41579-47-9  
 Grade : >99%  
 Formula :  $C_6H_{16}BF_4N$   
 M.W. : 378.01 g/mole



## LT-S9373

## Imidazolium tetrafluoroborate

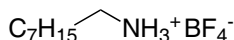
CAS No. : 112725-76-5  
 Grade : >99%  
 Formula :  $C_3H_5BF_4N_2$   
 M.W. : 155.89 g/mole



## LT-S9374

## n-Octylammonium tetrafluoroborate

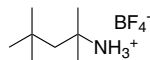
CAS No. : 790269-39-5  
 Grade : >99%  
 Formula :  $C_8H_{20}BF_4N$   
 M.W. : 217.06 g/mole



## LT-S9375

## tert-Octylammonium tetrafluoroborate

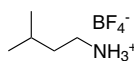
Grade : >99%  
 Formula :  $C_8H_{20}BF_4N$   
 M.W. : 217.06 g/mole



## LT-S9376

## iso-Pentylammonium tetrafluoroborate

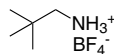
CAS No. : 150178-33-9  
 Grade : >99%  
 Formula :  $C_5H_{14}BF_4N$   
 M.W. : 174.97 g/mole



## LT-S9377

## neo-Pentylammonium tetrafluoroborate

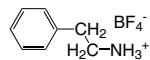
Grade : >99%  
 Formula :  $C_5H_{14}BF_4N$   
 M.W. : 174.98 g/mole



## LT-S9378

## Phenethylammonium tetrafluoroborate

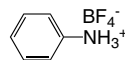
Grade : >99%  
 Formula :  $C_8H_{12}BF_4N$   
 M.W. : 208.99 g/mole



## LT-S9379

## Phenylammonium tetrafluoroborate

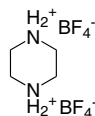
CAS No. : 3796-29-0  
 Grade : >99%  
 Formula :  $C_6H_8BF_4N$   
 M.W. : 180.94 g/mole



## LT-S9380

## Piperazine-1,4-dium tetrafluoroborate

Grade : >99%  
 Formula :  $C_4H_{12}B_2F_8N_2$   
 M.W. : 261.76 g/mole



## Perovskite Precursor

## LT-S9381

## Piperidinium tetrafluoroborate

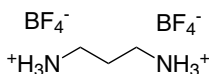
CAS No. : 20935-77-7  
 Grade : >99%  
 Formula :  $C_5H_{12}BF_4N$   
 M.W. : 172.96 g/mole



## LT-S9382

## Propane-1,3-diammonium tetrafluoroborate

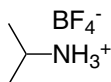
Grade : >99%  
 Formula :  $C_3H_{12}B_2F_8N_2$   
 M.W. : 249.75 g/mole



## LT-S9383

## iso-Propylammonium tetrafluoroborate

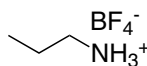
CAS No. : 71852-74-9  
 Grade : >99%  
 Formula :  $C_3H_{10}BF_4N$   
 M.W. : 146.92 g/mole



## LT-S9384

## n-Propylammonium tetrafluoroborate

CAS No. : 71852-75-0  
 Grade : >99%  
 Formula :  $C_3H_{10}BF_4N$   
 M.W. : 146.92 g/mole



## LT-S9385

## Pyridinium tetrafluoroborate

CAS No. : 505-07-7  
 Grade : >99%  
 Formula :  $C_5H_6BF_4N$   
 M.W. : 166.91 g/mole



## LT-S9386

## Pyrrolidinium tetrafluoroborate

CAS No. : 95647-26-0  
 Grade : >99%  
 Formula :  $C_4H_{10}BF_4N$   
 M.W. : 158.93 g/mole



## LT-S9387

## Quinuclidin-1-ium tetrafluoroborate

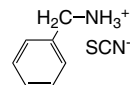
CAS No. : 936025-25-1  
 Grade : >99%  
 Formula :  $C_7H_{14}BF_4N$   
 M.W. : 199 g/mole



## LT-S9388

## Benzylammonium thiocyanate

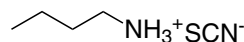
CAS No. : 51571-89-2  
 Grade : >99%  
 Formula :  $C_8H_{10}N_2S$   
 M.W. : 166.24 g/mole



## LT-S9389

## n-Butylammonium thiocyanate

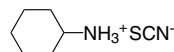
CAS No. : 25162-84-9  
 Grade : >99%  
 Formula :  $C_5H_{12}N_2S$   
 M.W. : 132.23 g/mole



## LT-S9390

## Cyclohexylammonium thiocyanate

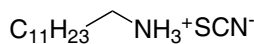
CAS No. : 96943-17-8  
 Grade : >99%  
 Formula :  $C_7H_{14}N_2S$   
 M.W. : 158.26 g/mole



## LT-S9391

## n-Dodecylammonium thiocyanate

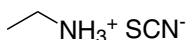
CAS No. : 22031-31-8  
 Grade : >99%  
 Formula :  $C_{13}H_{28}N_2S$   
 M.W. : 244.44 g/mole



## LT-S9392

## Ethylammonium thiocyanate

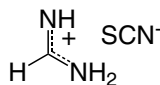
CAS No. : 25153-19-9  
 Grade : >99%  
 Formula :  $C_3H_8N_2S$   
 M.W. : 104.17 g/mole



## LT-S9393

## Formamidinium thiocyanate

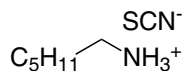
CAS No. : 1821033-48-0  
 Grade : >99%  
 Formula :  $CH_5N_3S$   
 M.W. : 103.15 g/mole



## LT-S9394

## n-Hexylammonium thiocyanate

CAS No. : 25162-85-0  
 Grade : >99%  
 Formula :  $C_7H_{16}N_2S$   
 M.W. : 160.28 g/mole



## LT-S9395

## Methylammonium thiocyanate

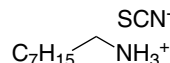
CAS No. : 61540-63-4  
 Grade : >99%  
 Formula :  $C_2H_6N_2S$   
 M.W. : 90.15 g/mole



## LT-S9396

## n-Octylammonium thiocyanate

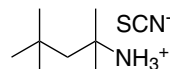
CAS No. : 25162-86-1  
 Grade : >99%  
 Formula :  $C_9H_{20}N_2S$   
 M.W. : 188.33 g/mole



## LT-S9397

## tert-Octylammonium thiocyanate

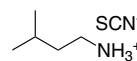
CAS No. : 41115-58-6  
 Grade : >99%  
 Formula :  $C_9H_{20}N_2S$   
 M.W. : 188.33 g/mole



## LT-S9398

## iso-Pentylammonium thiocyanate

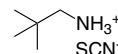
Grade : >99%  
 Formula :  $C_6H_{14}N_2S$   
 M.W. : 146.25 g/mole



## LT-S9399

## neo-Pentylammonium thiocyanate

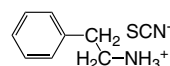
CAS No. : 61540-71-4  
 Grade : >99%  
 Formula :  $C_6H_{14}N_2S$   
 M.W. : 146.25 g/mole



## LT-S9400

## Phenethylammonium thiocyanate

CAS No. : 2656409-76-4  
 Grade : >99%  
 Formula :  $C_9H_{12}N_2S$   
 M.W. : 180.27 g/mole

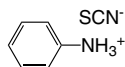


## Perovskite Precursor

## LT-S9401

## Phenylammonium thiocyanate

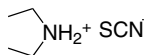
CAS No. : 27248-14-2  
 Grade : >99%  
 Formula :  $C_7H_8N_2S$   
 M.W. : 152.22 g/mole



## LT-S9402

## Pyrrolidinium thiocyanate

CAS No. : 217309-80-3  
 Grade : >99%  
 Formula :  $C_5H_{10}N_2S$   
 M.W. : 130.21 g/mole



## LT-S9403

## 5-Azaspiro[4.4]nonan-5-ium hexafluorophosphate

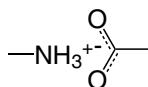
CAS No. : 129211-50-3  
 Grade : >99%  
 Formula :  $C_8H_{16}F_6NP$   
 M.W. : 271.18 g/mole



## LT-S9404

## Methylammonium acetate

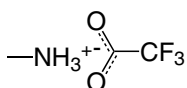
CAS No. : 6998-30-7  
 Grade : >99%  
 Formula :  $C_3H_9NO_2$   
 M.W. : 91.11 g/mole



## LT-S9405

## Methylammonium trifluoroacetate

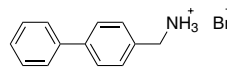
CAS No. : 107326-29-4  
 Grade : >99%  
 Formula :  $C_3H_7F_3NO_2$   
 M.W. : 146.09 g/mole



## LT-S9510

## 4-Phenylbenzylammonium bromide

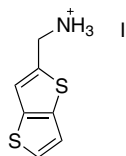
Grade : >99%  
 Formula :  $C_{13}H_{14}BrN$   
 M.W. : 264.16 g/mole



## LT-S9588 TTMAI

## Thieno[3,2-b]thiophen-2-ylmethanaminium iodide

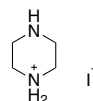
Grade : > 99.5%  
 Formula :  $C_7H_8INS_2$   
 M.W. : 297.18 g/mole



## LT-S9671 PipI

## Piperazinium Iodide

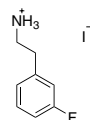
CAS No. : 56310-12-4  
 Grade : >99.5%  
 Formula :  $C_4H_{11}IN_2$   
 M.W. : 214.05 g/mole



## LT-S9680

## 3-Fluoro-phenethylammonium iodide

CAS No. : 2810129-43-0  
 Grade : >99%  
 Formula :  $C_8H_{11}FIN$   
 M.W. : 267.08 g/mole



## LT-S9690

## Cesium bromide

CAS No. : 7787-69-1  
 Grade : 99.9% trace metals basis  
 Formula :  $CsBr$   
 M.W. : 212.81 g/mole



LT-S9691

NEW

Cesium chloride

CAS No. :7647-17-8  
 Grade :99.9% trace metals basis  
 Formula :CsCl  
 M.W. :168.36 g/mole



LT-S9692

NEW

Cesium iodide

CAS No. :7789-17-5  
 Grade :99.9% trace metals basis  
 Formula :CsI  
 M.W. :259.81 g/mole



LT-S9693

NEW

Copper(II) chloride dihydrate

CAS No. :10125-13-0  
 Grade :>99%  
 Formula :CuCl<sub>2</sub> · 2H<sub>2</sub>O  
 M.W. :170.48 g/mole



LT-S9694

NEW

Tin(II) bromide

CAS No. :10031-24-0  
 Grade :>99%  
 Formula :SnBr<sub>2</sub>  
 M.W. :278.52 g/mole



LT-S9695

NEW

Tin(II) chloride

CAS No. :7772-99-8  
 Grade :>99%  
 Formula :SnCl<sub>2</sub>  
 M.W. :189.62 g/mole



LT-S9696

NEW

Tin(II) iodide

CAS No. :10294-70-9  
 Grade :>99%  
 Formula :SnI<sub>2</sub>  
 M.W. :372.52 g/mole



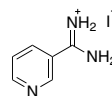
LT-S9729

3API

NEW

Iodized 3-pyridinecarboximidamide

Grade :>99%  
 Formula :C<sub>6</sub>H<sub>8</sub>IN<sub>3</sub>  
 M.W. :249.05 g/mole



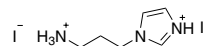
LT-S9730

APDI

NEW

N-(3-Aminopropyl)-imidazole Diiodide

CAS No. :1350616-11-3  
 Grade :>99%  
 Formula :C<sub>6</sub>H<sub>13</sub>I<sub>2</sub>N<sub>3</sub>  
 M.W. :381 g/mole



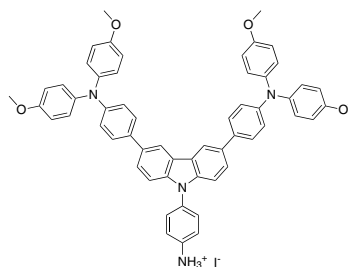
LT-S9731

CBZ-PAI

NEW

4-(3,6-Bis(4-(bis(4-methoxyphenyl)amino)phenyl)-9H-carbazol-9-yl)benzenaminium iodide

Grade :>99%  
 Formula :C<sub>58</sub>H<sub>49</sub>IN<sub>4</sub>O<sub>4</sub>  
 M.W. :992.94 g/mole  
 HOMO :-5.36 eV  
 LUMO :-2.26 eV



## Perovskite Precursor

### LT-S9732 | PNEACl NEW

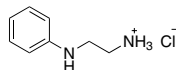
2-(Phenylamino)ethanaminium chloride

CAS No :108445-06-3

Grade :>99%

Formula :C<sub>8</sub>H<sub>13</sub>ClN<sub>2</sub>

M.W. :172.66 g/mole



### LT-S9733 | TMBAI NEW

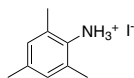
2,4,6-Trimethylbenzenaminium iodide

CAS No :947749-12-4

Grade :>99%

Formula :C<sub>9</sub>H<sub>14</sub>I<sup>+</sup>N

M.W. :263.12 g/mole



### LT-S9734 | 5-AVAI NEW

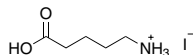
5-Ammoniumvaleric acid iodide

CAS No :705581-28-7

Grade :>99%

Formula :C<sub>5</sub>H<sub>12</sub>I<sup>+</sup>NO<sub>2</sub>

M.W. :245.06 g/mole



### LT-S9735 | 5-AVACl NEW

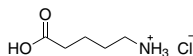
5-Ammoniumvaleric acid chloride

CAS No :627-95-2

Grade :>99%

Formula :C<sub>5</sub>H<sub>12</sub>ClNO<sub>2</sub>

M.W. :153.61 g/mole



### LT-S9736 | 3AAH NEW

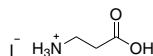
3-Aminopropanoic acid hydroiodide

CAS No :2096495-59-7

Grade :>99%

Formula :C<sub>3</sub>H<sub>8</sub>I<sup>+</sup>NO<sub>2</sub>

M.W. :217.01 g/mole



### LT-S9763 | (BA)2PbBr4 NEW

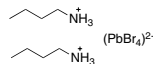
Di-n-butylammonium lead tetrabromide

CAS No :274903-07-0

Grade :>99%

Formula :C<sub>8</sub>H<sub>24</sub>Br<sub>4</sub>N<sub>2</sub>Pb

M.W. :675.11 g/mole



### LT-S9764 | (BA)2PbI4 NEW

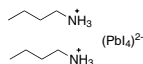
Di-n-butylammonium lead tetraiodide

CAS No :132069-10-4

Grade :>99%

Formula :C<sub>8</sub>H<sub>24</sub>I<sub>4</sub>N<sub>2</sub>Pb

M.W. :863.11 g/mole



### LT-S9765 | 2-ThEABr NEW

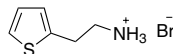
2-Thiophenethylammonium bromide

CAS No :2490324-60-0

Grade :>99%

Formula :C<sub>6</sub>H<sub>10</sub>BrNS

M.W. :208.12 g/mole



### LT-S9766 | 2-ThEAI NEW

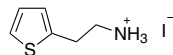
2-Thiopheneethylammonium iodide

CAS No :2414055-94-8

Grade :>99%

Formula :C<sub>6</sub>H<sub>10</sub>INS

M.W. :255.12 g/mole



### LT-S9767 | 2-ThMABr NEW

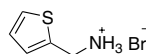
2-Thiophenemethylammonium bromide

CAS No :59852-33-4

Grade :>99%

Formula :C<sub>5</sub>H<sub>8</sub>BrNS

M.W. :194.09 g/mole



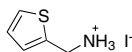
## Perovskite Precursor

### LT-S9768 | 2-ThMAI

**NEW**

2-Thiophenemethylammonium iodide

CAS No :2247100-32-7  
Grade :>99%  
Formula :C<sub>5</sub>H<sub>8</sub>IN<sub>2</sub>  
M.W. :241.09 g/mole

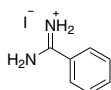


### LT-S9769 | BFAI

**NEW**

Benzimidamide hydroiodide

CAS No :860684-44-2  
Grade :>99%  
Formula :C<sub>7</sub>H<sub>9</sub>IN<sub>2</sub>  
M.W. :248.06 g/mole

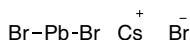


### LT-S9770 | CsPbBr3

**NEW**

Cesium lead tribromide

CAS No :15243-48-8  
Grade :>99%  
Formula :Br<sub>3</sub>CsPb  
M.W. :579.82 g/mole

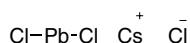


### LT-S9771 | CsPbCl3

**NEW**

Cesium lead trichloride

CAS No :15203-83-5  
Grade :>99%  
Formula :Cl<sub>3</sub>CsPb  
M.W. :446.46 g/mole

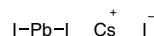


### LT-S9772 | CsPbI3

**NEW**

Cesium lead triiodide

CAS No :18041-25-3  
Grade :>99%  
Formula :CsI<sub>3</sub>Pb  
M.W. :720.82 g/mole

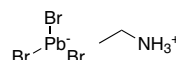


### LT-S9773 | EAPbBr3

**NEW**

Ethylammonium tribromoplumbate

CAS No :17251-33-1  
Grade :>99%  
Formula :C<sub>2</sub>H<sub>5</sub>Br<sub>3</sub>NPb  
M.W. :493 g/mole

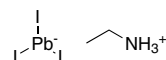


### LT-S9774 | EAPbI3

**NEW**

Ethylammonium triiodoplumbate

CAS No :1640335-04-1  
Grade :>99%  
Formula :C<sub>2</sub>H<sub>5</sub>I<sub>3</sub>NPb  
M.W. :634.01 g/mole

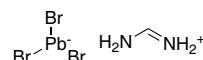


### LT-S9775 | FAPbBr3

**NEW**

Formamidinium tribromoplumbate

CAS No :1008105-17-6  
Grade :>99%  
Formula :CH<sub>2</sub>Br<sub>3</sub>N<sub>2</sub>Pb  
M.W. :491.98 g/mole



## Perovskite Precursor

**LT-S9776** | FAPbI3 **NEW**

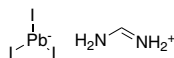
Formamidinium triiodoplumbate

CAS No :1451592-07-6

Grade :&gt;99%

Formula :CH<sub>3</sub>I<sub>3</sub>N<sub>2</sub>Pb

M.W. :632.98 g/mole

**LT-S9777** | FAPbClI2 **NEW**

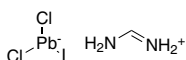
Formamidinium Lead Chloride Iodide

CAS No :1616115-25-3

Grade :&gt;99%

Formula :CH<sub>3</sub>Cl<sub>2</sub>I<sub>2</sub>Pb

M.W. :450.07 g/mole

**LT-S9778** | HDADBr **NEW**

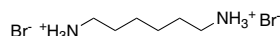
Hexane-1,6-diammonium bromide

CAS No :24731-81-5

Grade :&gt;99%

Formula :C<sub>6</sub>H<sub>18</sub>Br<sub>2</sub>N<sub>2</sub>

M.W. :278.03 g/mole

**LT-S9779** | HDADI

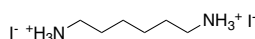
Hexane-1,6-diammonium iodide

CAS No :20208-23-5

Grade :&gt;99%

Formula :C<sub>6</sub>H<sub>18</sub>I<sub>2</sub>N<sub>2</sub>

M.W. :372.03 g/mole

**LT-S9780** | HPbBr3 **NEW**

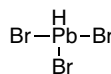
Hydrogen lead tribromide

CAS No :192874-55-8

Grade :&gt;99%

Formula :Br<sub>3</sub>HPb

M.W. :447.92 g/mole

**LT-S9781** | HPbI3 **NEW**

Hydrogen lead triiodide

CAS No :134879-44-0

Grade :&gt;99%

Formula :HI<sub>3</sub>Pb

M.W. :588.92 g/mole

**LT-S9782** | MAPbBr2Cl **NEW**

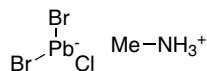
Methylammonium Lead Chloride Bromide

CAS No :479066-07-4

Grade :&gt;99%

Formula :CH<sub>3</sub>Br<sub>2</sub>ClNPb

M.W. :434.53 g/mole

**LT-S9783** | MAPbBr2I **NEW**

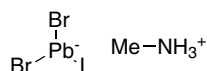
Methylammonium Lead Bromide Iodide

CAS No :1472068-58-8

Grade :&gt;99%

Formula :CH<sub>3</sub>Br<sub>2</sub>INPb

M.W. :525.98 g/mole



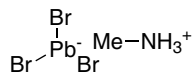


## Perovskite Precursor

### LT-S9784 | MAPbBr3 **NEW**

Methylammonium tribromoplumbate

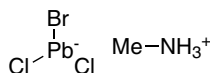
CAS No :69276-13-7  
Grade :>99%  
Formula :CH<sub>6</sub>Br<sub>3</sub>NPb  
M.W. :478.98 g/mole



### LT-S9785 | MAPbBrCl2 **NEW**

Methylammonium Lead Chloride Bromide

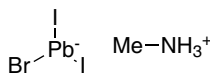
CAS No :479066-09-6  
Grade :>99%  
Formula :CH<sub>6</sub>BrCl<sub>2</sub>NPb  
M.W. :390.08 g/mole



### LT-S9786 | MAPbBrI2 **NEW**

Methylammonium Lead Bromide Iodide

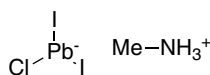
CAS No :1446121-02-3  
Grade :>99%  
Formula :CH<sub>6</sub>BrI<sub>2</sub>NPb  
M.W. :572.98 g/mole



### LT-S9787 | MAPbI2Cl **NEW**

Methylammonium Lead Chloride Iodide

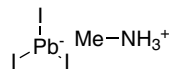
CAS No :1446121-07-8  
Grade :>99%  
Formula :CH<sub>6</sub>ClI<sub>2</sub>NPb  
M.W. :528.53 g/mole



### LT-S9788 | MAPbI3 **NEW**

Methylammonium triiodoplumbate

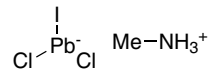
CAS No :69507-98-8  
Grade :>99%  
Formula :CH<sub>6</sub>I<sub>3</sub>NPb  
M.W. :619.98 g/mole



### LT-S9789 | MAPbClI2 **NEW**

Methylammonium Lead Chloride Iodide

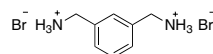
CAS No :1472068-56-6  
Grade :>99%  
Formula :CH<sub>6</sub>Cl<sub>2</sub>INPb  
M.W. :437.08 g/mole



### LT-S9790 | mPhDMADBr **NEW**

1,3-Phenylenedimethanamine dihydrobromide

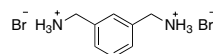
CAS No :2265236-82-4  
Grade :>99%  
Formula :C<sub>8</sub>H<sub>14</sub>Br<sub>2</sub>N<sub>2</sub>  
M.W. :298.02 g/mole



### LT-S9811 | mPhDMADI **NEW**

1,3-Phenylenedimethanamine dihydroiodide

Grade :>99%  
Formula :C<sub>8</sub>H<sub>14</sub>Br<sub>2</sub>N<sub>2</sub>  
M.W. :298.02 g/mole

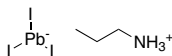


## Perovskite Precursor

LT-S9812 | PAPbI3 **NEW**

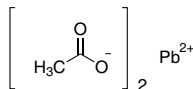
Propylammonium triiodoplumbate

CAS No :1646171-78-9  
 Grade :>99%  
 Formula :C<sub>3</sub>H<sub>10</sub>I<sub>3</sub>NPb  
 M.W. :648.03 g/mole

LT-S9813 | PbAc2 **NEW**

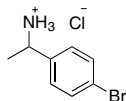
Lead(II) Acetate

CAS No :301-04-2  
 Grade :>99%  
 Formula :C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>Pb  
 M.W. :325.29 g/mole

LT-S9814 | p-Br-MBACl **NEW**

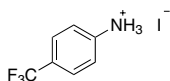
1-(4-Bromophenyl)ethylamine hydrochloride

CAS No :90006-14-7  
 Grade :>99%  
 Formula :C<sub>8</sub>H<sub>11</sub>BrClN  
 M.W. :236.54 g/mole

LT-S9815 | p-CF3PhAl **NEW**

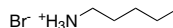
4-Trifluoromethyl-Phenylammonium iodide

Grade :>99%  
 Formula :C<sub>7</sub>H<sub>7</sub>F<sub>3</sub>IN  
 M.W. :289.04 g/mole

LT-S9816 | PentABr **NEW**

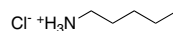
n-Pentylammonium bromide

CAS No :7334-94-3  
 Grade :>99%  
 Formula :C<sub>5</sub>H<sub>14</sub>BrN  
 M.W. :168.08 g/mole

LT-S9817 | PentACl **NEW**

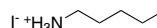
n-Pentylammonium chloride

CAS No :142-65-4  
 Grade :>99%  
 Formula :C<sub>5</sub>H<sub>14</sub>ClN  
 M.W. :123.62 g/mole

LT-S9818 | PentAI **NEW**

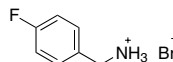
n-Pentylammonium iodide

CAS No :60762-85-8  
 Grade :>99%  
 Formula :C<sub>5</sub>H<sub>14</sub>I  
 M.W. :215.08 g/mole

LT-S9819 | p-F-PMABr **NEW**

4-Fluorobenzylamine hydrobromide

CAS No :2270172-94-4  
 Grade :>99%  
 Formula :C<sub>7</sub>H<sub>9</sub>BrFN  
 M.W. :206.06 g/mole

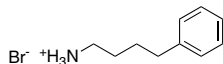


## Perovskite Precursor

### LT-S9820 | PhBABr **NEW**

4-Phenylbutylammonium bromide

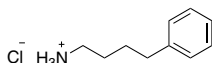
CAS No :120375-52-2  
Grade :>99%  
Formula :C<sub>10</sub>H<sub>16</sub>BrN  
M.W. :230.14 g/mole



### LT-S9821 | PhBACl **NEW**

4-Phenylbutylamine hydrochloride

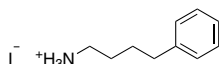
CAS No :30684-06-1  
Grade :>99%  
Formula :C<sub>10</sub>H<sub>16</sub>ClN  
M.W. :185.69 g/mole



### LT-S9822 | PhBAI **NEW**

4-Phenylbutylammonium iodide

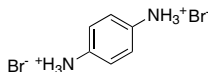
CAS No :2602663-31-8  
Grade :>99%  
Formula :C<sub>10</sub>H<sub>16</sub>IN  
M.W. :277.15 g/mole



### LT-S9823 | PhDADBr **NEW**

1,4-Benzene diammonium bromide

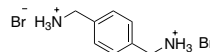
CAS No :116469-01-3  
Grade :>99%  
Formula :C<sub>6</sub>H<sub>10</sub>Br<sub>2</sub>N<sub>2</sub>  
M.W. :269.96 g/mole



### LT-S9824 | PhDMADBr **NEW**

1,4-Phenylenedimethanamine dihydrobromide

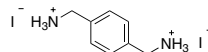
CAS No :1294005-02-9  
Grade :>99%  
Formula :C<sub>8</sub>H<sub>14</sub>Br<sub>2</sub>N<sub>2</sub>  
M.W. :298.02 g/mole



### LT-S9825 | PhDMADI **NEW**

1,4-Phenylenedimethanamine dihydroiodide

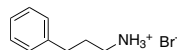
CAS No :2304829-65-8  
Grade :>99%  
Formula :C<sub>8</sub>H<sub>14</sub>I<sub>2</sub>N<sub>2</sub>  
M.W. :392.02 g/mole



### LT-S9826 | PhPABr **NEW**

3-Phenylpropylammonium bromide

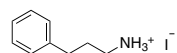
CAS No :120375-53-3  
Grade :>99%  
Formula :C<sub>9</sub>H<sub>14</sub>BrN  
M.W. :216.12 g/mole



### LT-S9827 | PhPAI **NEW**

3-Phenylpropylammonium iodide

CAS No :2673196-34-2  
Grade :>99%  
Formula :C<sub>9</sub>H<sub>14</sub>IN  
M.W. :263.12 g/mole



## Perovskite Precursor

## LT-S9828 | PipBr

NEW

Piperazine hydrobromide

CAS No :59813-07-9

Grade :&gt;99%

Formula :C<sub>4</sub>H<sub>11</sub>BrN<sub>2</sub>

M.W. :167.05 g/mole



## LT-S9829 | PMACl

NEW

Benzylamine hydrochloride

CAS No :3287-99-8

Grade :&gt;99%

Formula :C<sub>7</sub>H<sub>10</sub>ClN

M.W. :143.61 g/mole



## LT-S9831 | p-CF3PEAI

NEW

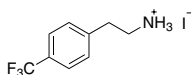
4-Trifluorophenylethylammonium iodide

CAS No :2770278-13-0

Grade :&gt;99%

Formula :C<sub>9</sub>H<sub>11</sub>F<sub>3</sub>IN

M.W. :317.09 g/mole



## LT-S9832 | 2API

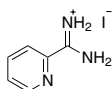
NEW

Iodized 2-pyridinecarboximidamide

Grade :&gt;99%

Formula :C<sub>6</sub>H<sub>8</sub>IN<sub>3</sub>

M.W. :249.05 g/mole



## LT-S9835 | GBAC

NEW

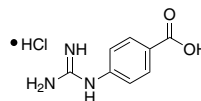
4-Guanidinobenzoic acid hydrochloride

CAS No :42823-46-1

Grade :&gt;98%

Formula :C<sub>8</sub>H<sub>10</sub>ClN<sub>3</sub>O<sub>2</sub>

M.W. :215.64 g/mole



## LT-S9838 | 2F-2CN

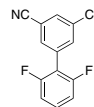
NEW

2',6'-Difluoro-[1,1'-biphenyl]-3,5-dicarbonitrile

Grade :&gt;99%

Formula :C<sub>14</sub>H<sub>6</sub>F<sub>2</sub>N<sub>2</sub>

M.W. :240.21 g/mole



## LT-S9839 | EVL

NEW

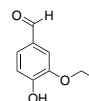
3-Ethoxy-4-hydroxybenzaldehyde

CAS No :121-32-4

Grade :&gt;99%

Formula :C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>

M.W. :166.17 g/mole



## LT-S9840 | MS

NEW

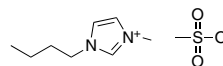
1-Butyl-3-methylimidazolium methanesulfonate

CAS No :342789-81-5

Grade :&gt;98%

Formula :C<sub>9</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S

M.W. :234.32 g/mole



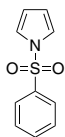
## Perovskite Precursor

### LT-S9841 | PSF

**NEW**

1-(Phenylsulfonyl)pyrrole

CAS No :16851-82-4  
Grade :>98%  
Formula :C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>S  
M.W. :207.25 g/mole

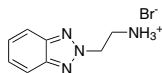


### LT-S9749 | BTaBr

**NEW**

2-(2H-benzo[d][1,2,3]triazol-2-yl)ethylammonium bromide

Grade :>99%  
Formula :C<sub>8</sub>H<sub>11</sub>BrN<sub>4</sub>  
M.W. :243.1 g/mole

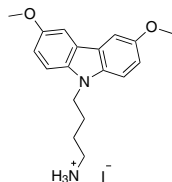


### LT-S9751 | MeO-4CzNH3I

**NEW**

4-(3,6-Dimethoxy-9H-carbazol-9-yl)butan-1-aminium iodide

Grade :>99%  
Formula :C<sub>18</sub>H<sub>23</sub>IN<sub>2</sub>O<sub>2</sub>  
M.W. :426.29 g/mole

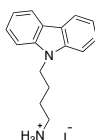


### LT-S9752 | 4CzNH3I

**NEW**

4-(9H-carbazol-9-yl)butan-1-ammonium iodide

Grade :>99%  
Formula :C<sub>16</sub>H<sub>19</sub>IN<sub>2</sub>  
M.W. :366.24 g/mole

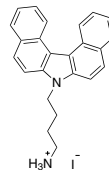


### LT-S9753 | 4DBCNH3I

**NEW**

4-(7H-dibenzo[c,g]carbazol-7-yl)butan-1-aminium

Grade :>99%  
Formula :C<sub>24</sub>H<sub>23</sub>IN<sub>2</sub>  
M.W. :466.36 g/mole

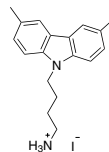


### LT-S9754 | Me-4CzNH3I

**NEW**

4-(3,6-Dimethyl-9H-carbazol-9-yl)butan-1-aminium iodide

Grade :>99%  
Formula :C<sub>18</sub>H<sub>23</sub>IN<sub>2</sub>  
M.W. :394.29 g/mole

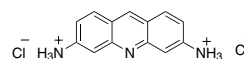


### LT-S9858

**NEW**

Acridine-3,6-diamine dihydrochloride

CAS No :531-73-7  
Grade :>99%  
Formula :C<sub>13</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>3</sub>  
M.W. :282.17 g/mole

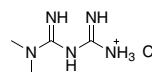


### LT-PM2050 | DGACI

**NEW**

Metformin hydrochloride

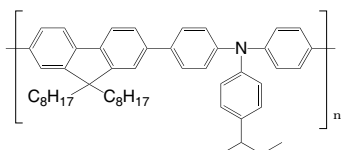
CAS No :1115-70-4  
Grade :>97%  
Formula :C<sub>4</sub>H<sub>12</sub>ClN<sub>5</sub>  
M.W. :165.62 g/mole



### LT-N148 | TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(4-*sec*-butylphenyl)diphenylamine)]

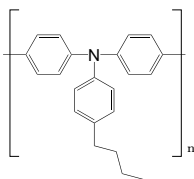
CAS No. : 220797-16-0  
 Grade : Mw >30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV : 389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 443 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CH<sub>2</sub>Cl<sub>2</sub>, Toluene, CHCl<sub>3</sub>



### LT-N149 | Poly-TPD

Poly[*N,N'*-bis(4-butylphenyl)-*N,N'*-bis(phenyl)-benzidine]

CAS No. : 472960-35-3  
 Grade : Mw =20,000~200,000 (GPC)  
 Formula : (C<sub>22</sub>H<sub>21</sub>N)<sub>n</sub>  
 UV : 371, 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene

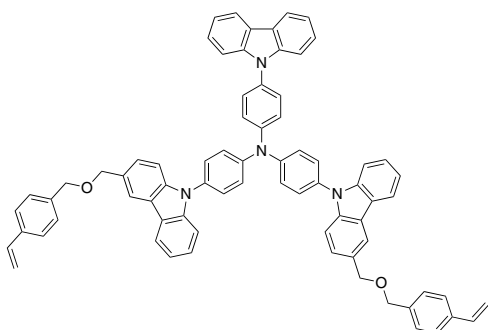


### LT-N1013 | VB-TCTA

**NEW**

*N*-(4-(9H-carbazol-9-yl)phenyl)-4-(3-(((4-vinylbenzyl)oxy)methyl)-9H-carbazol-9-yl)-*N*-(4-(3-(((4-vinylbenzyl)oxy)methyl)-9H-carbazol-9-yl)phenyl)aniline

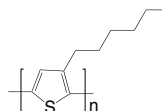
CAS No. : 931398-01-5  
 Grade : >98%  
 Formula : C<sub>74</sub>H<sub>56</sub>N<sub>4</sub>O<sub>2</sub>  
 M.W. : 1033.26 g/mole  
 HOMO : -5.2 eV  
 LUMO : -1.9 eV



### LT-S909 | P3HT

Poly(3-hexylthiophene-2,5-diyl)

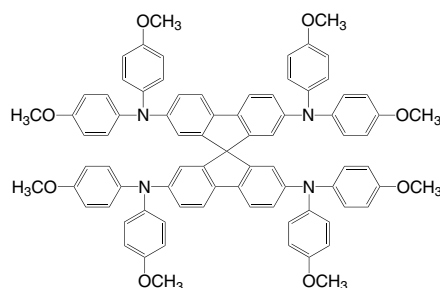
CAS No. : 110134-47-9 / 104934-50-1  
 Grade : Mw >45,000 (GPC) Electronic  
 Grade : Regio Regular >93%  
 Formula : (C<sub>10</sub>H<sub>14</sub>S)<sub>n</sub>  
 UV : 445 nm (in THF)  
 PL : 564 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S922 | Spiro-MeOTAD

2,2',7,7'-Tetrakis(*N,N*-di-*p*-methoxyphenylamino)-9,9'-spirobifluorene

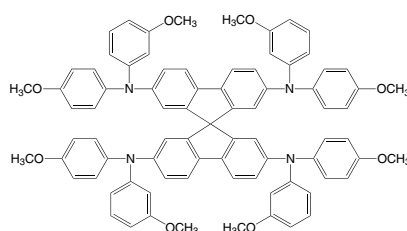
CAS No. : 207739-72-8  
 Grade : >99.5% (HPLC)  
 Formula : C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. : 1225.43 g/mole  
 UV : 306, 385 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 429 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >360 °C (0.5% weight loss)



### LT-S9145 | p,m-Spiro-MeOTAD

*N*<sup>2</sup>,*N*<sup>2'</sup>,*N*<sup>7</sup>,*N*<sup>7'</sup>-Tetrakis(3-methoxyphenyl)-*N*<sup>2</sup>,*N*<sup>2'</sup>,*N*<sup>7</sup>,*N*<sup>7'</sup>-tetrakis(4-methoxyphenyl)-9,9'-spirobifluorene]-2,2',7,7'-tetraamine

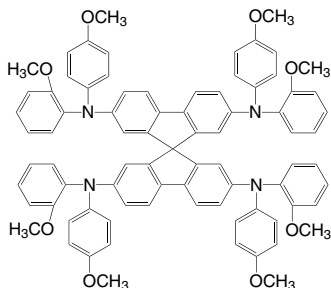
CAS No. : 1573202-44-4  
 Grade : >99% (HPLC)  
 Formula : C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. : 1225.43 g/mole  
 UV : 308, 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 414 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >280 °C (0.5% weight loss)



**LT-S9146** | p,o-Spiro-MeOTAD

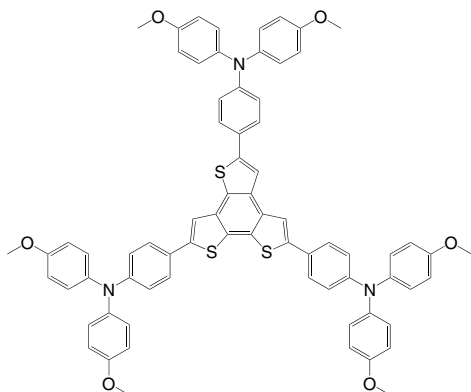
*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-Tetrakis(2-methoxyphenyl)-*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-tetrakis(4-methoxyphenyl)-9,9'-spirobifluorene]-2,2',7,7'-tetraamine

CAS No.	: 1628961-22-7
Grade	: >98.5% (HPLC)
Formula	: C <sub>81</sub> H <sub>68</sub> N <sub>4</sub> O <sub>8</sub>
M.W.	: 1225.43 g/mole
UV	: 316, 375 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 418 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >280 °C (0.5% weight loss)

**LT-S9276** | BTT-4

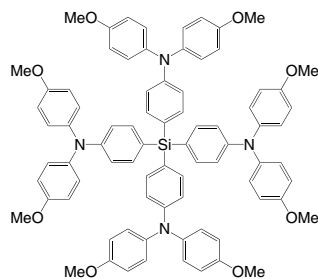
2,5,8-Tris(4-(bis(4-methoxyphenyl)amino)phenyl)benzotrithiophene

CAS No.	: 1908506-93-3
Formula	: C <sub>72</sub> H <sub>57</sub> N <sub>3</sub> O <sub>6</sub> S <sub>3</sub>
M.W.	: 1156.43 g/mole

**LT-S9290** | Si-OMeTPA

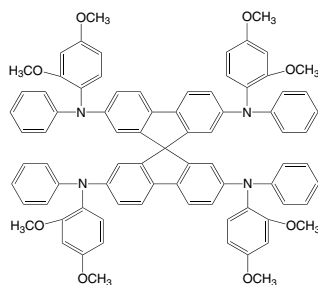
4,4',4'',4'''-Silane-tetrayl-tetrakis(N,N-bis(4-methoxyphenyl)aniline)

CAS No.	: 2202763-90-2
Grade	: >99% (HPLC)
Formula	: C <sub>80</sub> H <sub>72</sub> N <sub>4</sub> O <sub>8</sub> Si
M.W.	: 1245.54 g/mole
HOMO	: -5.39 eV
LUMO	: -1.96 eV

**LT-S9437** | 2,4-spiro-OMeTAD

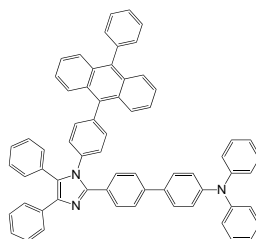
*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-Tetrakis(2,4-dimethoxyphenyl)-*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-tetraphenyl-9,9'-spirobifluorene]-2,2',7,7'-tetraamine

CAS No.	: 2102348-92-3
Grade	: >99% (HPLC)
Formula	: C <sub>81</sub> H <sub>68</sub> N <sub>4</sub> O <sub>8</sub>
M.W.	: 1225.43 g/mole
HOMO	: -5.24 eV
LUMO	: -2.08 eV

**LT-S9446** | PTN

*N,N*-Diphenyl-[1,1'-biphenyl]-4-amine-4'-[4,5-diphenyl-1-[4-(10-phenyl-9-4'-[4,5-diphenyl-1-[4-(10-phenyl-9-anthracenyl)phenyl]-1*H*-imidazol-2-yl)]

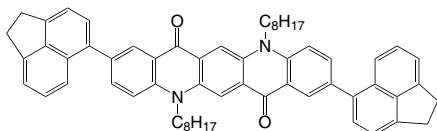
CAS No.	: 2252254-01-4
Grade	: Sublimed >99%
Formula	: C <sub>65</sub> H <sub>45</sub> N <sub>3</sub>
M.W.	: 868.07 g/mole
PCE	: 11.13 %



### LT-S9484 | ACE-QA-ACE

2,9-Bis(1,2-dihydroacenaphthylen-5-yl)-5,12-dioctyl-5,12-dihydroquinolino[2,3-b]acridine-7,14-dione

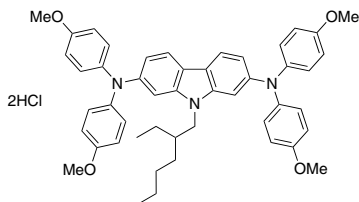
Grade : >99% (HPLC)  
 Formula : C<sub>60</sub>H<sub>60</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. : 841.13 g/mole  
 UV : 301 nm (in CHCl<sub>3</sub>)  
 PL : 558 nm  
 HOMO : -5.59 eV  
 LUMO : -3.47 eV



### LT-S9555 | EH-44

9-(2-Ethylhexyl)-N<sup>2</sup>,N<sup>2</sup>,N<sup>7</sup>,N<sup>7</sup>-tetrakis(4-methoxyphenyl)-9H-carbazole-2,7-diamine hydrochloride salt

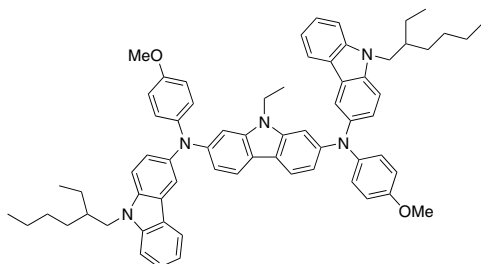
Grade : >99%  
 Formula : C<sub>48</sub>H<sub>53</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>4</sub>  
 M.W. : 806.86 g/mole



### LT-S9556 | EtCz-3EHCz

9-Ethyl-N<sup>2</sup>,N<sup>7</sup>-bis(9-(2-ethylhexyl)-9H-carbazol-3-yl)-N<sup>2</sup>,N<sup>7</sup>-bis(4-methoxyphenyl)-9H-carbazole-2,7-diamine hydrochloride salt

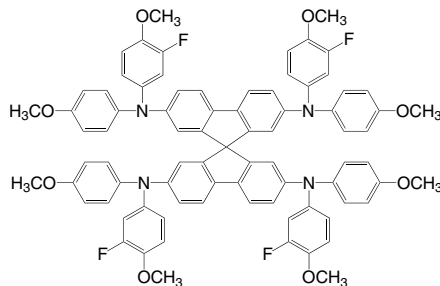
Grade : >99%  
 Formula : C<sub>68</sub>H<sub>75</sub>N<sub>5</sub>O<sub>2</sub>  
 M.W. : 1065.26 g/mole



### LT-S9564 | Spiro-mF

N<sup>2</sup>,N<sup>2</sup>,N<sup>7</sup>,N<sup>7</sup>-Tetrakis(3-fluoro-4-methoxyphenyl)-N<sup>2</sup>,N<sup>2</sup>,N<sup>7</sup>,N<sup>7</sup>-tetrakis(4-methoxyphenyl)-9,9'-spirobi[fluorene]-2,2',7,7'-tetraamine

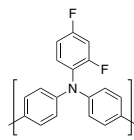
CAS No. : 2644017-35-4  
 Grade : >99%  
 Formula : C<sub>81</sub>H<sub>64</sub>F<sub>4</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. : 1297.39 g/mole  
 HOMO : -5.19 eV  
 LUMO : -2.23 eV



### LT-S9756 | PTAA-2F NEW

Poly[bis(4-phenyl)(2,4-difluorophenyl)amine]

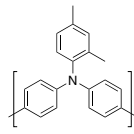
CAS No : 1414662-10-4  
 Grade : MW >20,000  
 Formula : (C<sub>18</sub>H<sub>11</sub>F<sub>2</sub>N)<sub>n</sub>



### LT-S9757 | PTAA-2Me NEW

Poly[bis(4-phenyl)(2,4-dimethylphenyl)amine]

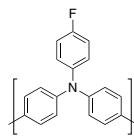
CAS No : 313996-10-0  
 Grade : MW >20,000  
 Formula : (C<sub>20</sub>H<sub>17</sub>N)<sub>n</sub>



### LT-S9758 | PTAA-F NEW

Poly[bis(4-phenyl)(4-fluorophenyl)amine]

CAS No : 618108-64-8  
 Grade : MW >20,000  
 Formula : (C<sub>18</sub>H<sub>12</sub>FN)<sub>n</sub>

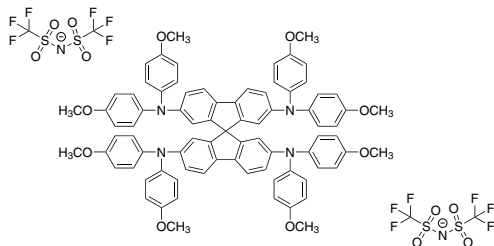




### LT-S9759 | Spiro(TFSI)2

2,2',7,7'-Tetrakis(N,N-di-p-methoxyphenylamino)-9,9'-spirobifluorene di[bis-(trifluoromethanesulfonyl)imide]

Grade : >99%  
 Formula :  $C_{85}H_{68}F_{12}N_6O_{16}S_4$   
 M.W. : 1785.72 g/mole

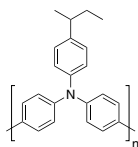


### LT-S9760 | s-Poly-TPD

**NEW**

Poly[4,4'-(N-(4-secbutylphenyl)diphenylamine)]

CAS No : 860495-18-7  
 Grade : MW >20,000  
 Formula :  $(C_{22}H_{21}N)_n$

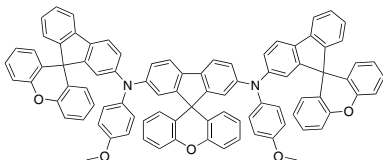


### LT-S9761 | X55

**NEW**

$N_2,N_7$ -bis(4-methoxyphenyl)- $N_2,N_7$ -di(spiro[fluorene-9,9'-xanthen]-2-yl)spiro[fluorene-9,9'-xanthen]-2,7-diamine

CAS No : 2128308-79-0  
 Grade : >99%  
 Formula :  $C_{89}H_{58}N_2O_5$   
 M.W. : 1235.42 g/mole

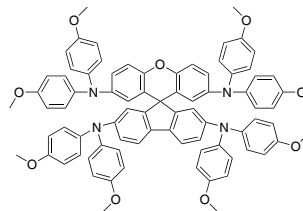


### LT-S9762 | X60

**NEW**

$N_2,N_2,N_2',N_2',N_7,N_7',N_7',N_7'$ -octakis(4-methoxyphenyl)spiro[fluorene-9,9'-xanthen]-2,2',7,7'-tetraamine

CAS No : 1887794-22-0  
 Grade : >99%  
 Formula :  $C_{81}H_{68}N_4O_9$   
 M.W. : 1241.43 g/mole



### LT-PS001 | PEDOT:PSS

Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

#### Specification

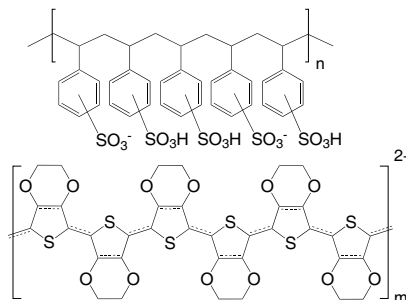
CAS No. : 155090-83-8  
 Description : Aqueous dispersion, blue liquid.  
 Sodium : Max. 400 ppm  
 Sulfate : Max. 40 ppm  
 Solid content: 1.3 - 1.7 wt%  
 PSD d50 : 80 nm  
 PSD d90 : 100 nm  
 Resistivity : 500-5000  $\Omega$ cm  
 Viscosity : 5-12 mPas

#### Technical Data (guide values, not a specification)

Form : liquid  
 Odour : odourless  
 Colour : dark blue  
 PEDOT:PSS ratio : 1:6 (by weight)  
 PEDOT work function : approx 5.2 eV  
 pH : 1.2 - 2.2 at 20°C  
 Boiling Point : approx 100°C

#### Storage:

The product is sensitive to frost and should therefore not be stored at temperatures below 5°C.  
 Avoid freezing!

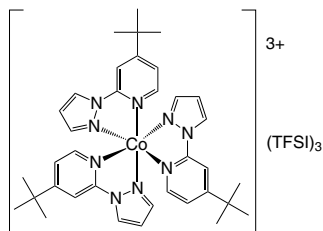


## Hole Transport Dopant

### LT-S9127 | FK209 Co(III) TFSI Salt

Tris(2-(1*H*-pyrazol-1-yl)-4-*tert*-butylpyridine)-cobalt(III)  
tris(bis(trifluoromethylsulfonyl)imide)

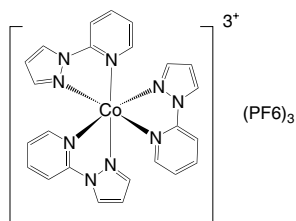
CAS No. : 1447938-61-5  
Grade : >99% (NMR)  
Formula :  $C_{42}H_{45}CoF_{18}N_{12}O_{12}S_6$   
M.W. : 1503.18 g/mole  
UV : 227, 287 nm (in Acetonitrile)



### LT-S9135 | FK102 Co(III) PF6 Salt

Tris(1-(pyridin-2-yl)-1*H*-pyrazol)cobalt(III)  
tris(hexafluorophosphate)

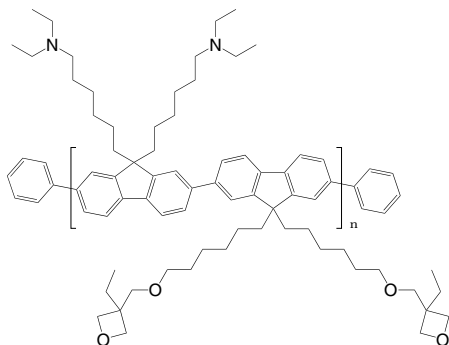
CAS No. : 1346416-70-3  
Grade : >99% (NMR)  
Formula :  $C_{24}H_{21}CoF_{18}N_9P_3$   
UV : 929.31 g/mole



### LT-N177 | PFN-OX

Poly[2,7-[9,9-bis(6'-(N,N-diethylamino)hexyl)fluorene]-*alt*-2,7-[9,9-bis(6-((3-ethoxyetan-3-yl)methoxy)hexyl)fluorene]]

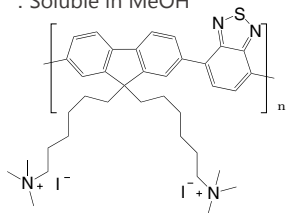
CAS No. : 1345045-27-3  
 Formula :  $(C_{70}H_{102}N_2O_4)_n C_{12}H_{10}$   
 UV : 378 ± 10 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$



### LT-N181 | PFNIBT

Poly(9,9-bis(6-trimethylammoniumiodide)-hexylfluorene-2,7-diyl-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl))

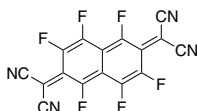
Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{35}H_{42}I_2N_4S)_n$   
 UV : 317, 448 nm (in DMSO)  
 Solubility : Soluble in MeOH



### LT-N223 | F6TCNNQ NEW

1,3,4,5,7,8-hexafluorotetracyanonaphthoquinodimethane

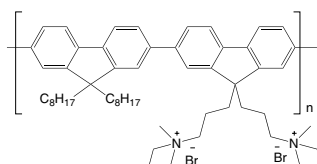
CAS No. : 912482-15-6  
 Grade : Sublimed >98% (By Element Analysis)  
 Formula :  $C_{16}F_6N_4$   
 M.W. : 362.19 g/mole



### LT-N878 | PFN-Br

Poly[(9,9-bis(3'-((N,N-dimethyl)-N-ethylammonium)-propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]dibromide

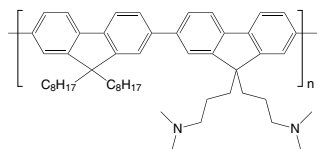
CAS No. : 889672-99-5  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{56}H_{80}N_2Br_2)_n$   
 UV : 375 nm (in MeOH)  
 PL : 440 nm (in MeOH)  
 Solubility : Soluble in MeOH



### LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-((N,N-dimethylamino)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]

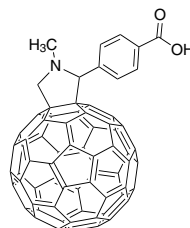
CAS No. : 673474-75-4  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{52}H_{70}N_2)_n$   
 UV : 378 nm (in  $CH_2Cl_2$ )  
 PL : 414 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CH_2Cl_2$ ,  $CHCl_3$ , Toluene



### LT-S9161 | C<sub>60</sub>-COOH-SAM

4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C<sub>60</sub>-1h-[1,9-c]-pyrrol-2'-yl)benzoic acid

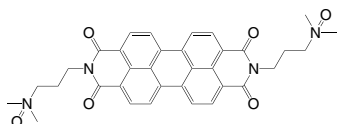
CAS No. : 631918-72-4  
 Grade : >99%  
 Formula :  $C_{70}H_{11}NO_2$   
 M.W. : 897.84 g/mole  
 UV : 345 nm (in  $CH_2Cl_2$ )



### LT-S9479 | PDINO

2,9-Bis[3-(dimethyloxidoamino)propyl]anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetrone

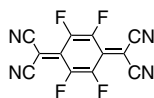
CAS No. : 1558023-86-1  
 Grade : >97%  
 Formula : C<sub>34</sub>H<sub>32</sub>N<sub>4</sub>O<sub>6</sub>  
 M.W. : 592.64 g/mole  
 HOMO : -6.21 eV  
 LUMO : -3.63 eV



### LT-E208 | F4-TCNQ

2,3,5,6-Tetrafluoro-7,7,8,8-tetracyano-quinodimethane

CAS No. : 29261-33-4  
 Grade : Sublimed >99%  
 Formula : C<sub>12</sub>F<sub>4</sub>N<sub>4</sub>  
 M.W. : 276.15 g/mole  
 UV : 394 nm (in Chloroform)  
 PL : 600 nm (in Chloroform)  
 TGA : >210 °C (0.5% weight loss)

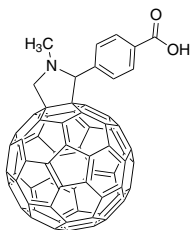


## Self-Assembled Monolayers Materials

### LT-S9161 | C<sub>60</sub>-COOH-SAM

4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C<sub>60</sub>-1h-[1,9-c]-pyrrol-2'-yl)benzoic acid

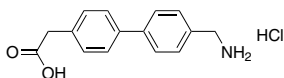
CAS No. : 631918-72-4  
 Grade : >99%  
 Formula : C<sub>70</sub>H<sub>11</sub>NO<sub>2</sub>  
 M.W. : 897.84 g/mole  
 UV : 345 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-S9647

4'-(Aminomethyl)-[1,1'-biphenyl]-4-acetic acid

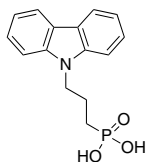
Grade : >99%  
 Formula : C<sub>15</sub>H<sub>16</sub>ClNO<sub>2</sub>  
 M.W. : 277.75 g/mole



### LT-S9648 | 3PACz

(3-(9H-carbazol-9-yl)propyl)phosphonic acid

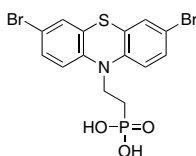
CAS No. : 915376-57-7  
 Grade : >99%  
 Formula : C<sub>15</sub>H<sub>16</sub>NO<sub>3</sub>P  
 M.W. : 289.27 g/mole



### LT-S9649 | Br-2EPT

(2-(3,7-Dibromo-10H-phenothiazin-10-yl)ethyl)phosphonic acid

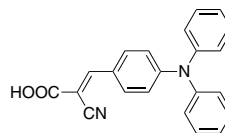
CAS No. : 2826271-17-2  
 Grade : >99%  
 Formula : C<sub>14</sub>H<sub>12</sub>BrNO<sub>3</sub>PS  
 M.W. : 465.10 g/mole  
 HOMO : -5.47 eV  
 LUMO : -2.12 eV



### LT-S9650 | LS1

2-Cyano-3-[4-(N-phenylanilino)phenyl]prop-2-enoic acid

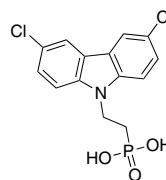
CAS No. : 30388-31-9  
 Grade : >99%  
 Formula : C<sub>22</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. : 340.37 g/mole



### LT-S9673 | Cl-2PACz

(2-(3,6-Dichloro-9H-carbazol-9-yl)ethyl)phosphonic acid

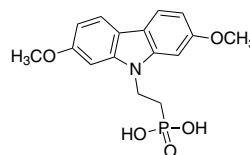
Grade : >99%  
 Formula : C<sub>14</sub>H<sub>12</sub>Cl<sub>2</sub>NO<sub>3</sub>P  
 M.W. : 344.13 g/mole  
 HOMO : -6.05 eV  
 LUMO : -2.67 eV



### LT-S9674 | DC-PA

(2-(2,7-Dimethoxy-9H-carbazol-9-yl)ethyl)phosphonic acid

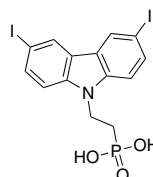
Grade : >99%  
 Formula : C<sub>16</sub>H<sub>18</sub>NO<sub>5</sub>P  
 M.W. : 335.29 g/mole



### LT-S9675 | I-2PACz

(2-(3,6-Diiodo-9H-carbazol-9-yl)ethyl)phosphonic acid

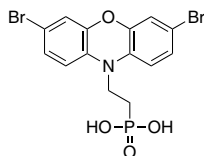
Grade : >99%  
 Formula : C<sub>14</sub>H<sub>12</sub>I<sub>2</sub>NO<sub>3</sub>P  
 M.W. : 527.03 g/mole  
 HOMO : -5.98 eV  
 LUMO : -2.61 eV



## LT-S9676 | Br-2EPO

(2-(3,7-Dibromo-10H-phenoxazin-10-yl)ethyl)phosphonic acid

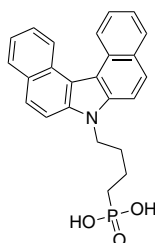
Grade : > 99%  
 Formula :  $C_{14}H_{12}Br_2NO_4P$   
 M.W. : 449.03 g/mole  
 HOMO : -5.25 eV  
 LUMO : -1.81 eV



## LT-S9677 | CbzNaph

(4-(7H-dibenzo[c,g]carbazol-7-yl)butyl)phosphonic acid

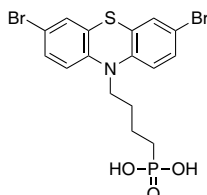
CAS No. : 2882156-63-8  
 Grade : > 99%  
 Formula :  $C_{24}H_{22}NO_3P$   
 M.W. : 403.41 g/mole  
 HOMO : -5.35 eV  
 LUMO : -2.28 eV



## LT-S9678 | 2BrPTZPA

(4-(3,7-dibromo-10H-phenothiazin-10-yl)butyl)phosphonic acid

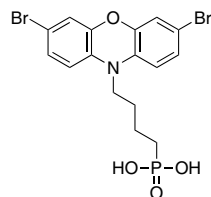
Grade : > 99%  
 Formula :  $C_{16}H_{16}Br_2NO_3PS$   
 M.W. : 493.15 g/mole  
 HOMO : -5.34 eV  
 LUMO : -1.16 eV



## LT-S9679 | 2BrPXZPA

(4-(3,7-dibromo-10H-phenoxazin-10-yl)butyl)phosphonic acid

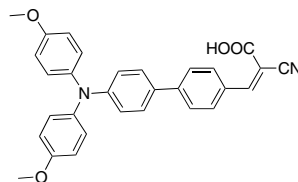
Grade : > 99%  
 Formula :  $C_{16}H_{16}Br_2NO_4P$   
 M.W. : 477.08 g/mole  
 HOMO : -5.22 eV  
 LUMO : -1.01 eV



## LT-S9667 | MPA-Ph-CA

(Z)-3-(4'-(Bis(4-methoxyphenyl)amino)-[1,1'-biphenyl]-4-yl)-2-cyanoacrylic acid

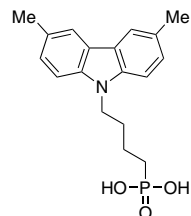
CAS No. : 1813558-55-2  
 Grade : > 99%  
 Formula :  $C_{30}H_{24}N_2O_4$   
 M.W. : 476.52 g/mole  
 HOMO : -5.39 eV  
 LUMO : -2.64 eV



## LT-S9557 | Me-4PACz

(4-(3,6-Dimethyl-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. : 2747959-96-0  
 Grade : > 99%  
 Formula :  $C_{18}H_{22}NO_3P$   
 M.W. : 331.35 g/mole  
 HOMO : -5.74 eV  
 LUMO : -2.49 eV



**LT-S9566** | 2PACz

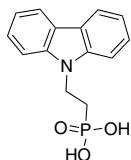
(2-(9H-carbazol-9-yl)ethyl)phosphonic acid

CAS No. :20999-38-6

Grade :&gt;99%

Formula :C<sub>14</sub>H<sub>14</sub>NO<sub>3</sub>P

M.W. :275.24 g/mole

**LT-S9567** | 4PACz

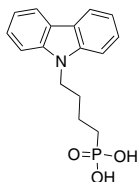
(4-(9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. :20999-36-4

Grade :&gt;99%

Formula :C<sub>16</sub>H<sub>18</sub>NO<sub>3</sub>P

M.W. :303.29 g/mole

**LT-S9568** | 6PACz

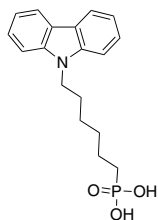
(6-(9H-carbazol-9-yl)hexyl)phosphonic acid

CAS No. :3015516-21-6

Grade :&gt;99%

Formula :C<sub>18</sub>H<sub>22</sub>NO<sub>3</sub>P

M.W. :331.35 g/mole

**LT-S9569** | Br-2PACz

(2-(3,6-Dibromo-9H-carbazol-9-yl)ethyl)phosphonic acid

CAS No. :2762888-11-7

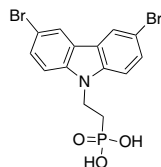
Grade :&gt;99%

Formula :C<sub>14</sub>H<sub>12</sub>Br<sub>2</sub>NO<sub>3</sub>P

M.W. :433.03 g/mole

HOMO :-6.01 eV

LUMO :-2.64 eV

**LT-S9570** | Br-4PACz

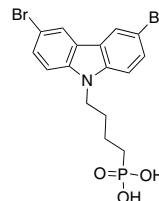
(4-(3,6-Dibromo-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. :2996161-28-3

Grade :&gt;99%

Formula :C<sub>16</sub>H<sub>16</sub>Br<sub>2</sub>NO<sub>3</sub>P

M.W. :461.08 g/mole

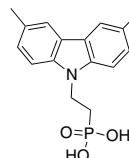
**LT-S9571** | Me-2PACz

(2-(3,6-Dimethyl-9H-carbazol-9-yl)ethyl)phosphonic acid

Grade :&gt;99%

Formula :C<sub>16</sub>H<sub>18</sub>NO<sub>3</sub>P

M.W. :303.29 g/mole

**LT-S9572** | Me-6PACz

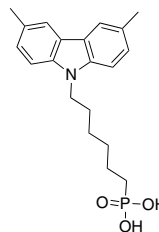
(6-(3,6-Dimethyl-9H-carbazol-9-yl)hexyl)phosphonic acid

CAS No. :2996161-29-4

Grade :&gt;99%

Formula :C<sub>20</sub>H<sub>26</sub>NO<sub>3</sub>P

M.W. :359.4 g/mole

**LT-S9573** | MeO-2PACz

(2-(3,6-Dimethoxy-9H-carbazol-9-yl)ethyl)phosphonic acid

CAS No. :2377770-18-6

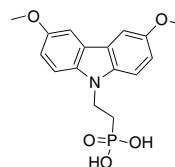
Grade :&gt;99%

Formula :C<sub>16</sub>H<sub>18</sub>NO<sub>5</sub>P

M.W. :335.29 g/mole

HOMO :-5.3 eV

LUMO :-2.12 eV



**LT-S9574** | MeO-4PACz

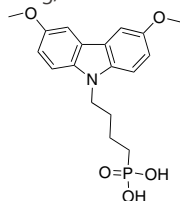
(4-(3,6-Dimethoxy-9H-carbazol-9-yl)butyl)phosphonic acid

CAS No. :2922526-56-3

Grade :&gt;99%

Formula :C<sub>18</sub>H<sub>22</sub>NO<sub>5</sub>P

M.W. :363.34 g/mole

**LT-S9583** | EADR03

4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)benzoic acid

CAS No. :2918298-65-2

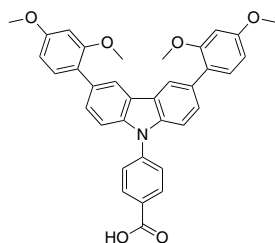
Grade :&gt;99%

Formula :C<sub>35</sub>H<sub>29</sub>NO<sub>6</sub>

M.W. :559.61 g/mole

HOMO :-5.05 eV

LUMO :-1.77 eV

**LT-S9727** | MPA-CPA

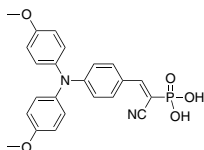
(2-(4-(Bis(4-methoxyphenyl)amino)phenyl)-1-cyanovinyl) phosphonic acid

CAS No. :2212003-31-9

Grade :&gt;98%

Formula :C<sub>23</sub>H<sub>21</sub>N<sub>2</sub>O<sub>5</sub>P

M.W. :436.4 g/mole

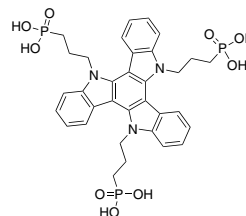
**LT-S9737** | 3PATAT-C3**NEW**

((5H-Diindolo[3,2-a:3',2'-c]carbazole-5,10,15-triyl)tris(propane-3,1-diyl))triphosphonic acid

Grade :&gt;98%

Formula :C<sub>33</sub>H<sub>36</sub>N<sub>3</sub>O<sub>9</sub>P<sub>3</sub>

M.W. :711.57 g/mole

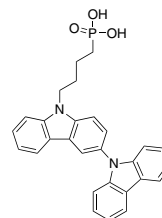
**LT-S9738** | 4,3BuPACz**NEW**

(4-(9H-[3,9'-bicarbazol]-9-yl)butyl)phosphonic acid

Grade :&gt;98%

Formula :C<sub>28</sub>H<sub>25</sub>N<sub>2</sub>O<sub>3</sub>P

M.W. :468.48 g/mole

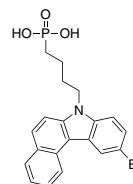
**LT-S9739** | BCBBR-C4PA**NEW**

(4-(10-Bromo-7H-benzo[c]carbazol-7-yl)butyl)phosphonic acid

Grade :&gt;99%

Formula :C<sub>20</sub>H<sub>19</sub>BrNO<sub>3</sub>P

M.W. :432.25 g/mole





## LT-S9740 | PPA

**NEW**

7-(4-(Diphenylamino)phenyl)benzo[c][1,2,5]thiadiazol-4-yl) phosphonic acid

CAS No : 2759856-06-7

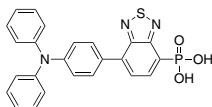
Grade : >98%

Formula :  $C_{24}H_{18}N_3O_3PS$

M.W. : 459.46 g/mole

HOMO : -5.28 eV

LUMO : -2.96 eV



## LT-S9741 | DCB-BPA

**NEW**

(4-(5,9-Dibromo-7H-dibenzo[c,g]carbazol-7-yl)butyl) phosphonic acid

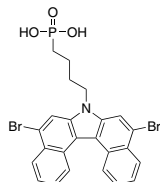
Grade : >98%

Formula :  $C_{24}H_{20}Br_2NO_3P$

M.W. : 561.2 g/mole

HOMO : -5.35 eV

LUMO : -1.62 eV



## LT-S9747 | DMAcPA

**NEW**

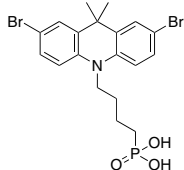
(4-(2,7-Dibromo-9,9-dimethylacridin-10(9H)-yl)butyl) phosphonic acid

CAS No : 2971088-37-4

Grade : >98%

Formula :  $C_{19}H_{22}Br_2NO_3P$

M.W. : 503.16 g/mole



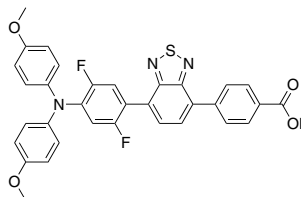
## LT-S9748 | MPA2FPh-BT-BA

4-(7-(4-(Bis(4-methoxyphenyl)amino)-2,5-difluorophenyl)benzo[c][1,2,5]thiadiazol-4-yl)benzoic acid

Grade : >98%

Formula :  $C_{33}H_{23}F_2N_3O_4S$

M.W. : 595.62 g/mole



## LT-S9750 | MPA-BT-CA

(E)-3-(7-(4-(Bis(4-methoxyphenyl)amino)phenyl)benzo[c][1,2,5]thiadiazol-4-yl)-2-cyanoacrylic acid

Grade : >98%

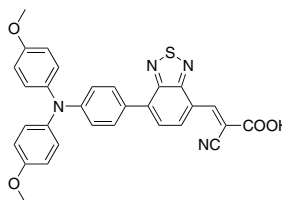
Formula :  $C_{30}H_{22}N_4O_4S$

M.W. : 534.59 g/mole

UV : 514 nm (in THF)

HOMO : -5.29 eV

LUMO : -3.26 eV



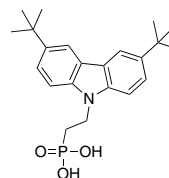
## LT-S9755 | tBu-2PACz

(2-(3,6-Di-tert-butyl-9H-carbazol-9-yl)ethyl)phosphonic acid

Grade : >98%

Formula :  $C_{22}H_{30}NO_3P$

M.W. : 387.45 g/mole



### LT-S9791

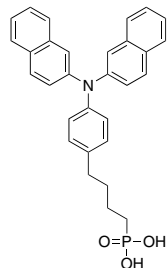
**NEW**

(4-(4-(Di(naphthalen-2-yl)amino)phenyl)butyl)phosphonic acid

Grade :>98%

Formula :C<sub>30</sub>H<sub>28</sub>NO<sub>3</sub>P

M.W. :481.52 g/mole



### LT-S9792

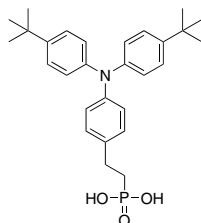
**NEW**

(4-(Bis(4-(tert-butyl)phenyl)amino)phenethyl)phosphonic acid

Grade :>98%

Formula :C<sub>28</sub>H<sub>36</sub>NO<sub>3</sub>P

M.W. :465.56 g/mole



### LT-S9793

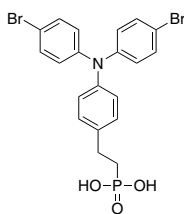
**NEW**

(4-(bis(4-bromophenyl)amino)phenethyl)phosphonic acid

Grade :>98%

Formula :C<sub>20</sub>H<sub>18</sub>Br<sub>2</sub>NO<sub>3</sub>P

M.W. :511.14 g/mole



### LT-S9794

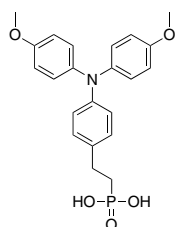
**NEW**

(4-(Bis(4-methoxyphenyl)amino)phenethyl)phosphonic acid

Grade :>98%

Formula :C<sub>22</sub>H<sub>24</sub>NO<sub>5</sub>P

M.W. :413.4 g/mole



### LT-S9795

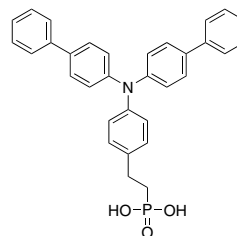
**NEW**

(4-(Di([1,1'-biphenyl]-4-yl)amino)phenethyl)phosphonic acid

Grade :>98%

Formula :C<sub>32</sub>H<sub>28</sub>NO<sub>3</sub>P

M.W. :505.54 g/mole



### LT-S9796

**NEW**

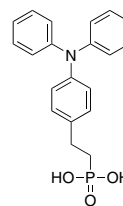
(4-(Diphenylamino)phenethyl)phosphonic acid

CAS No. :3015516-16-9

Grade :>98%

Formula :C<sub>20</sub>H<sub>20</sub>NO<sub>3</sub>P

M.W. :353.35 g/mole



### LT-S9797

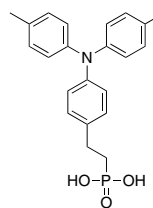
**NEW**

(4-(Di-p-tolylamino)phenethyl)phosphonic acid

Grade :>98%

Formula :C<sub>22</sub>H<sub>24</sub>NO<sub>3</sub>P

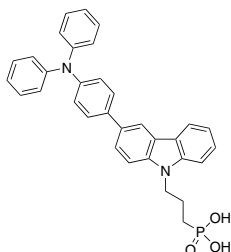
M.W. :381.4 g/mole



## LT-S9798 | 4dp3PACz NEW

[3-[4-(Diphenylamino)phenyl]-9H-carbazol-9-yl] propylphosphonic acid

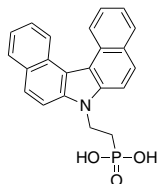
Grade : > 98%  
 Formula :  $C_{33}H_{29}N_2O_3P$   
 M.W. : 532.57 g/mole



## LT-S9799 | DCB-C2-POOH NEW

(2-(7H-dibenzo[c,g]carbazol-7-yl)ethyl)phosphonic acid

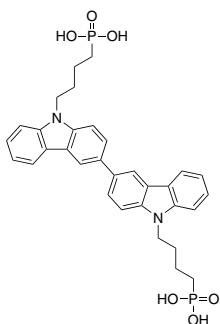
CAS No. : 2882156-61-6  
 Grade : > 99%  
 Formula :  $C_{22}H_{18}NO_3P$   
 M.W. : 375.36 g/mole  
 HOMO : -5.53 eV  
 LUMO : -2.34 eV



## LT-S9800 | DCZ-C4POH NEW

(9H,9'H-[3,3'-bicarbazole]-9,9'-diylbis(butane-4,1-diyl)) diphosphonic acid

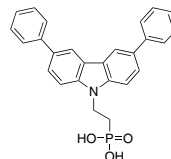
Grade : > 98%  
 Formula :  $C_{32}H_{34}N_2O_6P_2$   
 M.W. : 604.57 g/mole



## LT-S9801 | Ph-2PACz NEW

(2-(3,6-Diphenyl-9H-carbazol-9-yl)ethyl)phosphonic acid

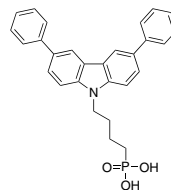
Grade : > 99%  
 Formula :  $C_{26}H_{22}NO_3P$   
 M.W. : 427.43 g/mole



## LT-S9802 | Ph-4PACz NEW

(4-(3,6-Diphenyl-9H-carbazol-9-yl)butyl)phosphonic acid

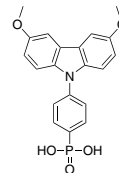
CAS No. : 2814500-04-2  
 Grade : > 99%  
 Formula :  $C_{28}H_{26}NO_3P$   
 M.W. : 455.48 g/mole



## LT-S9837 | MeO-PhPACz NEW

(4-(3,6-Dimethoxy-9H-carbazol-9-yl)phenyl)phosphonic acid

Grade : > 98%  
 Formula :  $C_{20}H_{18}NO_5P$   
 M.W. : 383.33 g/mole  
 UV : 379 nm (in DMF)  
 HOMO : -5.61 eV  
 LUMO : -2.41 eV

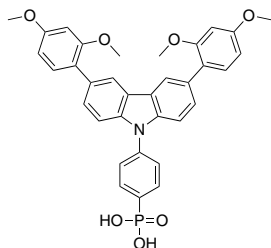


## LT-S9842

NEW

(4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)phenyl) phosphonic acid

Grade : >98%  
 Formula :  $C_{34}H_{30}NO_7P$   
 M.W. : 595.58 g/mole

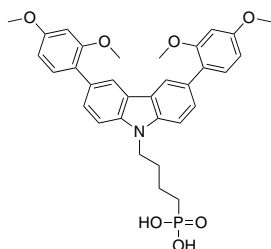


## LT-S9843

NEW

(4-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)butyl) phosphonic acid

CAS No : 2986396-31-8  
 Grade : >98%  
 Formula :  $C_{32}H_{34}NO_7P$   
 M.W. : 575.59 g/mole

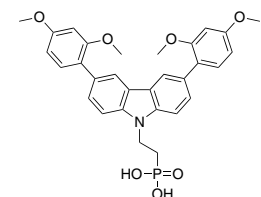


## LT-S9844

NEW

(2-(3,6-Bis(2,4-dimethoxyphenyl)-9H-carbazol-9-yl)ethyl) phosphonic acid

CAS No : 2986396-25-0  
 Grade : >98%  
 Formula :  $C_{30}H_{30}NO_7P$   
 M.W. : 547.54 g/mole



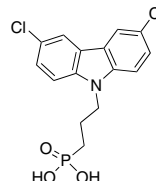
## LT-S9851

Cl-3PACz

NEW

(4-(3,6-Dichloro-9H-carbazol-9-yl)propyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{15}H_{14}Cl_2NO_3P$   
 M.W. : 358.16 g/mole



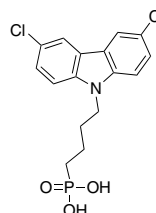
## LT-S9852

Cl-4PACz

NEW

(4-(3,6-Dichloro-9H-carbazol-9-yl)butyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{16}H_{16}Cl_2NO_3P$   
 M.W. : 372.18 g/mole



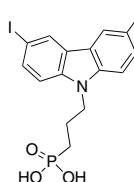
## LT-S9855

I-3PACz

NEW

(4-(3,6-Diiodo-9H-carbazol-9-yl)propyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{15}H_{14}I_2NO_3P$   
 M.W. : 541.06 g/mole



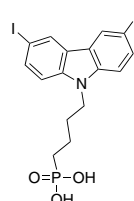
## LT-S9856

I-4PACz

NEW

(4-(3,6-Diiodo-9H-carbazol-9-yl)butyl)phosphonic acid

Grade : >99%  
 Formula :  $C_{16}H_{16}I_2NO_3P$   
 M.W. : 555.09 g/mole



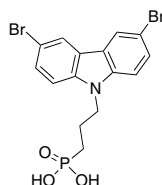
### LT-S9857 | Br-3PACz **NEW**

(4-(3,6-Dibromo-9H-carbazol-9-yl)propyl)phosphonic acid

Grade : > 99%

Formula : C<sub>15</sub>H<sub>14</sub>Br<sub>2</sub>NO<sub>3</sub>P

M.W. : 447.06 g/mole



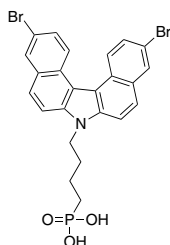
### LT-S9859 | Br-4PADBC **NEW**

(4-(3,11-Dibromo-7H-dibenzo[c,g]carbazol-7-yl)butyl) phosphonic acid

Grade : > 98%

Formula : C<sub>24</sub>H<sub>20</sub>Br<sub>2</sub>NO<sub>3</sub>P

M.W. : 561.2 g/mole



### LT-S9860 | CbzBF **NEW**

(4-(5H-benzofuro[3,2-c]carbazol-5-yl)butyl)phosphonic acid

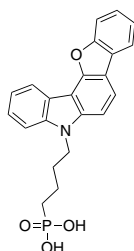
Grade : > 98%

Formula : C<sub>22</sub>H<sub>20</sub>NO<sub>4</sub>P

M.W. : 393.37 g/mole

HOMO : -5.5 eV

LUMO : -1.15 eV



### LT-S9861 | CbzBT **NEW**

(4-(5H-benzo[4,5]thieno[3,2-c]carbazol-5-yl)butyl)phosphonic acid

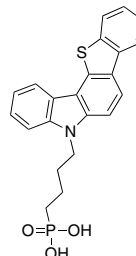
Grade : > 98%

Formula : C<sub>22</sub>H<sub>20</sub>NO<sub>3</sub>PS

M.W. : 409.44 g/mole

HOMO : -5.54 eV

LUMO : -1.17 eV



### LT-S9862 | MeO-4PADBC **NEW**

(4-(3,11-Dimethoxy-7H-dibenzo[c,g]carbazol-7-yl)butyl) phosphonic acid

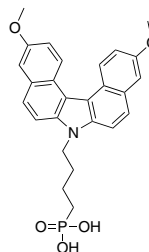
Grade : > 98%

Formula : C<sub>26</sub>H<sub>26</sub>NO<sub>5</sub>P

M.W. : 463.46 g/mole

HOMO : -4.91 eV

LUMO : -1.15 eV



### LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

CAS No. : 1333317-99-9

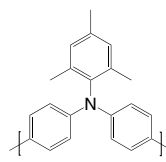
Grade : Mw = 20,000~100,000 (GPC)

Formula : (C<sub>21</sub>H<sub>19</sub>N)<sub>n</sub>

UV : 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

Solvent : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N1021 | 1F-PTAA

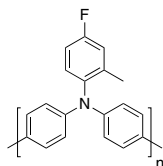
Poly(bis(4-phenyl)(4-fluoro-2-methylphenyl)amine)

Grade : Mw >20,000

Formula :  $(C_{19}H_{14}FN)_n$

HOMO : -5.52 eV

LUMO : -2.55 eV

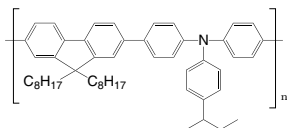


## Hole Transport

## LT-N148 | TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(4-*sec*-butylphenyl) diphenylamine)]

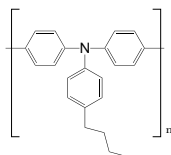
CAS No. : 220797-16-0  
 Grade : Mw >30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV : 389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 443 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CH<sub>2</sub>Cl<sub>2</sub>, Toluene, CHCl<sub>3</sub>



## LT-N149 | Poly-TPD

Poly[*N,N'*-bis(4-butylphenyl)-*N,N'*-bis(phenyl)-benzidine]

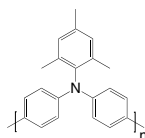
CAS No. : 472960-35-3  
 Grade : Mw = 20,000~200,000 (GPC)  
 Formula : (C<sub>22</sub>H<sub>21</sub>N)<sub>n</sub>  
 UV : 371, 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene



## LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

CAS No. : 1333317-99-9  
 Grade : Mw = 20,000~100,000 (GPC)  
 Formula : (C<sub>21</sub>H<sub>19</sub>N)<sub>n</sub>  
 UV : 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

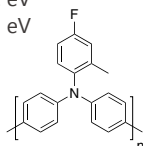


## LT-N1021 | 1F-PTAA

NEW

Poly[bis(4-phenyl)(4-fluoro-2-methylphenyl)amine]

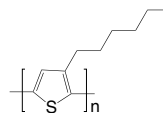
Grade : Mw >20,000  
 Formula : (C<sub>19</sub>H<sub>14</sub>FN)<sub>n</sub>  
 HOMO : -5.52 eV  
 LUMO : -2.55 eV



## LT-S909 | P3HT

Poly(3-hexylthiophene-2,5-diyl)

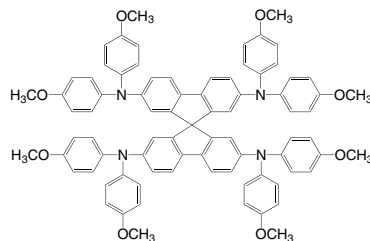
CAS No. : 110134-47-9 / 104934-50-1  
 Grade : Mw >45,000 (GPC)  
 Electronic Grade : Regio Regular >93%  
 Formula : (C<sub>10</sub>H<sub>14</sub>S)<sub>n</sub>  
 UV : 445 nm (in THF)  
 PL : 564 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S922 | Spiro-MeOTAD

2,2',7,7'-Tetrakis(*N,N*-di-*p*-methoxyphenylamino)-9,9'-spirobifluorene

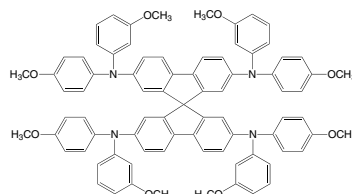
CAS No. : 207739-72-8  
 Grade : >99.5%  
 Formula : C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. : 1225.43 g/mole  
 UV : 306, 385 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 429 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >360°C (0.5% weight loss)



## LT-S9145 | p,m-Spiro-MeOTAD

*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-Tetrakis(3-methoxyphenyl)-*N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>7</sup>,*N*<sup>7</sup>-tetrakis(4-methoxyphenyl)-9,9'-spirobifluorene-2,2',7,7'-tetraamine

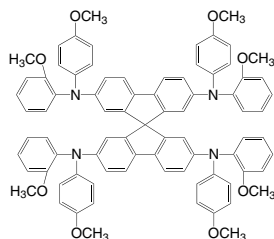
CAS No. : 1573202-44-4  
 Grade : >99% (HPLC)  
 Formula : C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>O<sub>8</sub>  
 UV : 308, 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 414 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



**LT-S9146** | p,o-Spiro-MeOTAD

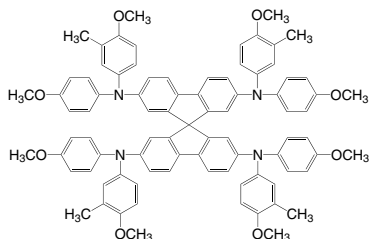
*N,N',N'',N'''*-Tetrakis(2-methoxyphenyl)-*N,N'',N',N'''*-tetrakis(4-methoxyphenyl)-9,9'-spirobifluorene]-2,2',7,7'-tetraamine

CAS No. : 1628961-22-7  
 Grade : >98.5% (HPLC)  
 Formula :  $C_{81}H_{68}N_4O_8$   
 UV : 316, 375 nm (in  $CH_2Cl_2$ )  
 PL : 418 nm (in  $CH_2Cl_2$ )

**LT-S9170** | Spiro-MeOTAD-HTM1

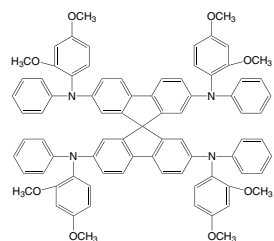
2,2',7,7'-Tetrakis(4,4'-dimethoxy-3-methylphenylamino)-9,9'-spirobifluorene

CAS No. : 1573202-31-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{85}H_{76}N_4O_8$   
 UV : 306, 385 nm (in  $CH_2Cl_2$ )  
 PL : 429 nm (in  $CH_2Cl_2$ )

**LT-S9437** | 2,4-spiro-OMeTAD

*N,N',N'',N'''*-Tetrakis(2,4-dimethoxyphenyl)-*N,N'',N',N'''*-tetraphenyl-9,9'-spirobifluorene]-2,2',7,7'-tetraamine

CAS No. : 2102348-92-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{81}H_{68}N_4O_8$   
 HOMO : -5.24 eV  
 LUMO : -2.08 eV

**LT-PS001** | PEDOT: PSS

Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

## Specification

CAS No. : 155090-83-8  
 Description : Aqueous dispersion, blue liquid.  
 Sodium : Max. 400 ppm  
 Sulfate : Max. 40 ppm  
 Solid content: 1.3 - 1.7 wt%  
 PSD d50 : 80 nm  
 PSD d90 : 100 nm  
 Resistivity : 500-5000  $\Omega$ cm  
 Viscosity : 5-12 mPas

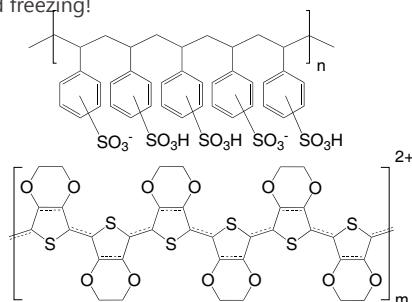
## Technical Data (guide values, not a specification)

Form : liquid  
 Odour : odourless  
 Colour : dark blue  
 PEDOT:PSS ratio: 1:6 (by weight)  
 PEDOT work function: approx 5.2 eV  
 pH : 1.2 - 2.2 at 20°C  
 Boiling Point : approx 100°C

## Storage:

The product is sensitive to frost and should therefore not be stored at temperatures below 5°C.

Avoid freezing!

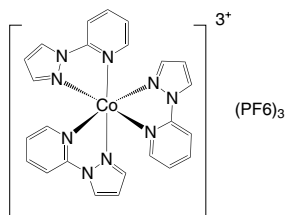




## Redox Couple Electrolytes

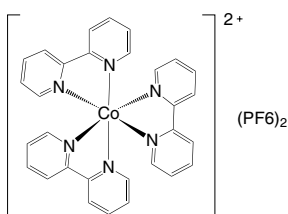
**LT-S9135** | FK102 Co(III) PF<sub>6</sub>\_SaltTris(1-(pyridin-2-yl)-1*H*-pyrazol)cobalt(III)  
tris(hexafluorophosphate)

CAS No. : 1346416-70-3  
 Grade : >99% (NMR)  
 Formula : C<sub>24</sub>H<sub>21</sub>CoF<sub>18</sub>N<sub>9</sub>P<sub>3</sub>  
 M.W. : 929.31 g/mole

**LT-S9183** | Co(II)(bpy)<sub>3</sub>(PF<sub>6</sub>)<sub>2</sub>

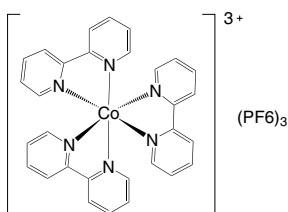
Tris-(2,2'-bipyridine)cobalt(II) bis(hexafluorophosphate)

CAS No. : 79151-78-3  
 Grade : >99% (NMR)  
 Formula : C<sub>30</sub>H<sub>24</sub>CoF<sub>12</sub>N<sub>6</sub>P<sub>2</sub>  
 M.W. : 817.41 g/mole

**LT-S9184** | Co(III) (bpy)<sub>3</sub>(PF<sub>6</sub>)<sub>3</sub>

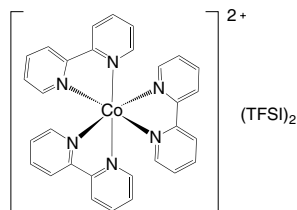
Tris-(2,2'-bipyridine)cobalt(III) tris(hexafluorophosphate)

CAS No. : 28277-53-4  
 Grade : >99% (NMR)  
 Formula : C<sub>30</sub>H<sub>24</sub>CoF<sub>18</sub>N<sub>6</sub>P<sub>3</sub>  
 M.W. : 962.38 g/mole

**LT-S9185** | Co(II)(bpy)<sub>3</sub>(TFSI)<sub>2</sub>

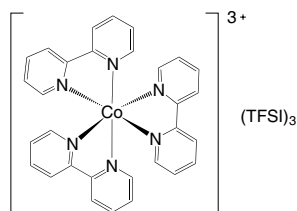
Tris-(2,2'-bipyridine)cobalt(II) bis(trifluoromethanesulfonimide)

CAS No. : 1353745-90-0  
 Grade : >99% (NMR)  
 Formula : C<sub>34</sub>H<sub>24</sub>CoF<sub>12</sub>N<sub>8</sub>O<sub>8</sub>S<sub>4</sub>  
 M.W. : 1087.78 g/mole

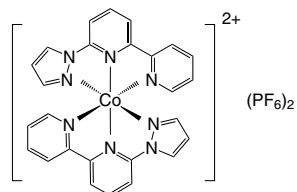
**LT-S9186** | Co(III)(bpy)<sub>3</sub>(TFSI)<sub>3</sub>

Tris-(2,2'-bipyridine)cobalt(III) tris(trifluoromethanesulfonimide)

CAS No. : 1353745-91-1  
 Grade : >99% (NMR)  
 Formula : C<sub>36</sub>H<sub>24</sub>CoF<sub>18</sub>N<sub>9</sub>O<sub>12</sub>S<sub>6</sub>  
 M.W. : 1367.92 g/mole

**LT-S9187** | Co(II)(bpy-pz)<sub>2</sub>(PF<sub>6</sub>)<sub>2</sub>Bis(6-(1*H*-pyrazol-1-yl)-2,2'-bipyridine)cobalt(II)  
bis(hexafluorophosphate), mixture of stereoisomers

CAS No. : 312322-08-0  
 Grade : >99% (NMR)  
 Formula : C<sub>26</sub>H<sub>20</sub>CoF<sub>12</sub>N<sub>8</sub>P<sub>2</sub>  
 M.W. : 793.35 g/mole

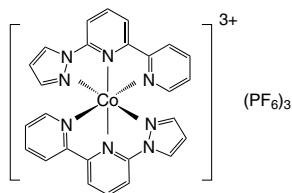


## Redox Couple Electrolytes

**LT-S9188** |  $\text{Co(III)(bpy-pz)}_2(\text{PF}_6)_3$ 

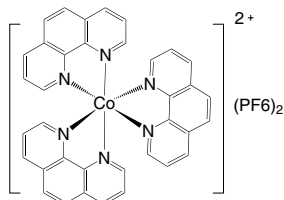
Bis(6-(1H-pyrazol-1-yl)-2,2'-bipyridine)cobalt(III)  
tris(hexafluorophosphate), mixture of stereoisomers

CAS No. : 1346417-60-4  
Grade : >99% (NMR)  
Formula :  $\text{C}_{26}\text{H}_{20}\text{CoF}_{18}\text{N}_8\text{P}_3$   
M.W. : 938.32 g/mole

**LT-S9191** |  $\text{Co(II)(phen)}_3(\text{PF}_6)_2$ 

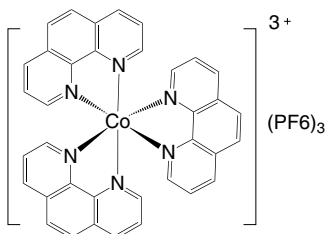
Tris(1,10-phenanthroline)cobalt(II) bis(hexafluorophosphate)

CAS No. : 31876-74-1  
Grade : >99% (NMR)  
Formula :  $\text{C}_{36}\text{H}_{24}\text{CoF}_{12}\text{N}_6\text{P}_2$   
M.W. : 889.48 g/mole

**LT-S9192** |  $\text{Co(III)(phen)}_3(\text{PF}_6)_3$ 

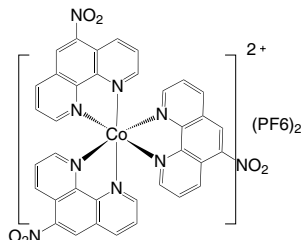
Tris(1,10-phenanthroline)cobalt(III) tris(hexafluorophosphate)

CAS No. : 28277-59-0  
Grade : >99% (NMR)  
Formula :  $\text{C}_{36}\text{H}_{24}\text{CoF}_{18}\text{N}_6\text{P}_3$   
M.W. : 1034.44 g/mole

**LT-S9193** |  $\text{Co(II)(NO}_2\text{-phen)}_3(\text{PF}_6)_2$ 

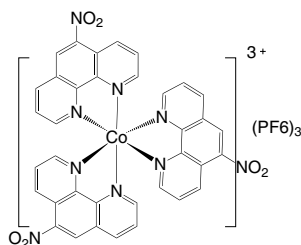
Tris(5-nitro-1,10-phenanthroline)cobalt(II)  
bis(hexafluorophosphate)

Grade : >99% (NMR)  
Formula :  $\text{C}_{36}\text{H}_{21}\text{CoF}_{12}\text{N}_9\text{O}_6\text{P}_2$   
M.W. : 1024.47 g/mole

**LT-S9194** |  $\text{Co(III)(NO}_2\text{-phen)}_3(\text{PF}_6)_3$ 

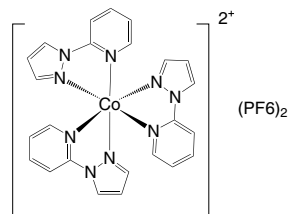
Tris(5-nitro-1,10-phenanthroline)cobalt(III)  
tris(hexafluorophosphate)

Grade : >99% (NMR)  
Formula :  $\text{C}_{36}\text{H}_{21}\text{CoF}_{18}\text{N}_9\text{O}_6\text{P}_3$   
M.W. : 1169.43 g/mole

**LT-S9195** | FK102 Co(II) PF6 salt

Tris(1-(pyridin-2-yl)-1H-pyrazol)cobalt(II)  
bis(hexafluorophosphate)

CAS No. : 1392221-69-0  
Grade : >99% (NMR)  
Formula :  $\text{C}_{24}\text{H}_{21}\text{CoF}_{12}\text{N}_9\text{P}_2$   
M.W. : 784.35 g/mole

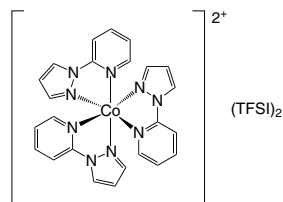


## Redox Couple Electrolytes

**LT-S9406** | FK 102 Co(II) TFSI Salt

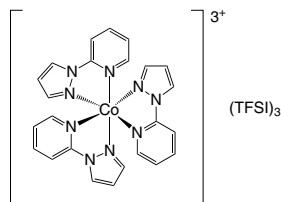
Tris(1-(pyridin-2-yl)-1*H*-pyrazol)cobalt(II)  
bis(trifluoromethanesulfonimide)

Grade : >99% (NMR)  
Formula :  $C_{28}H_{21}CoN_{11}O_8S_4F_{12}$   
M.W. : 1054.72 g/mole

**LT-S9407** | FK 102 Co(III) TFSI Salt

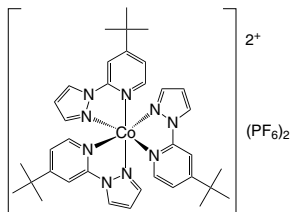
Tris(1-(pyridin-2-yl)-1*H*-pyrazol)cobalt(III)  
tris(trifluoromethanesulfonimide)

Grade : >99% (NMR)  
Formula :  $C_{30}H_{21}CoN_{12}O_{12}S_6F_{18}$   
M.W. : 1334.87 g/mole

**LT-S9408** | FK 209 Co(II) PF6 salt

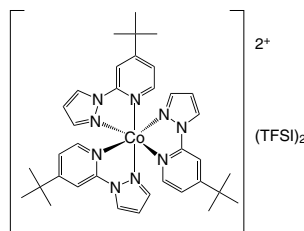
Tris[4-(tert-butyl)-2-(1*H*-pyrazol-1-yl)pyridine]cobalt(II)  
bis(hexafluorophosphate)

Grade : >99% (NMR)  
Formula :  $C_{36}H_{45}CoN_9P_2F_{12}$   
M.W. : 952.68 g/mole

**LT-S9409** | FK 209 Co(II) TFSI salt

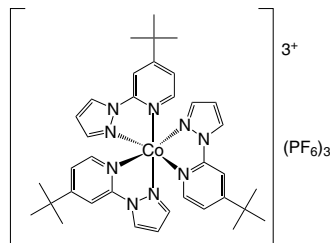
Tris[4-(tert-butyl)-2-(1*H*-pyrazol-1-yl)pyridine]cobalt(II)  
bis(trifluoromethanesulfonimide)

Grade : >99% (NMR)  
Formula :  $C_{40}H_{45}CoN_{11}O_8S_4F_{12}$   
M.W. : 1223.02 g/mole

**LT-S9410** | FK 209 Co(III) PF6 salt

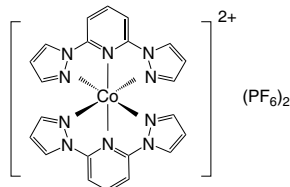
Tris[4-(tert-butyl)-2-(1*H*-pyrazol-1-yl)pyridine]cobalt(III)  
tris(hexafluorophosphate)

Grade : >99% (NMR)  
Formula :  $C_{36}H_{45}CoN_9P_3F_{18}$   
M.W. : 1097.64 g/mole

**LT-S9412** | FK 269 Co(II) PF6 salt

Bis[2,6-di(1*H*-pyrazol-1-yl)pyridine]cobalt(II)  
bis(hexafluorophosphate)

Grade : >99% (NMR)  
Formula :  $C_{22}H_{18}CoN_{10}P_2F_{12}$   
M.W. : 771.31 g/mole

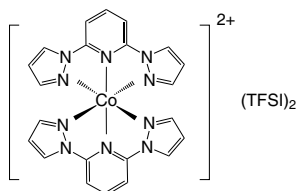


## Redox Couple Electrolytes

**LT-S9413** | FK 269 Co(II) TFSI salt

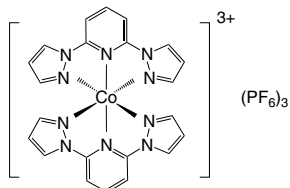
Bis[2,6-di(1*H*-pyrazol-1-yl)pyridine]cobalt(II)  
bis(trifluoromethanesulfonimide)

Grade : >99% (NMR)  
Formula : C<sub>26</sub>H<sub>18</sub>CoN<sub>12</sub>O<sub>8</sub>S<sub>4</sub>F<sub>12</sub>  
M.W. : 1041.67 g/mole

**LT-S9414** | FK 269 Co(III) PF6 salt

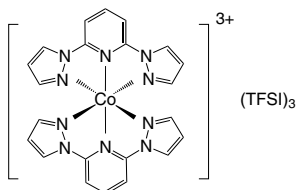
Bis[2,6-di(1*H*-pyrazol-1-yl)pyridine]cobalt(III)  
tris(hexafluorophosphate)

Grade : >99% (NMR)  
Formula : C<sub>22</sub>H<sub>18</sub>CoN<sub>10</sub>P<sub>3</sub>F<sub>18</sub>  
M.W. : 916.27 g/mole

**LT-S9415** | FK 269 Co(III) TFSI salt

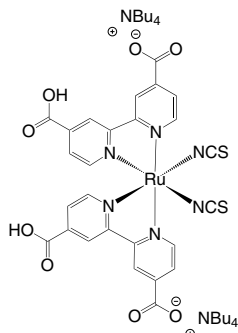
Bis[2,6-di(1*H*-pyrazol-1-yl)pyridine]cobalt(III)  
tris(trifluoromethanesulfonimide)

Grade : >99% (NMR)  
Formula : C<sub>28</sub>H<sub>18</sub>CoN<sub>13</sub>O<sub>12</sub>S<sub>6</sub>F<sub>18</sub>  
M.W. : 1321.83 g/mole

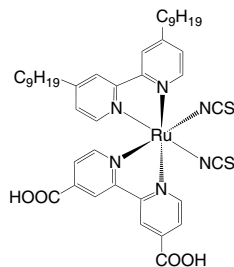


**LT-S945** | N719Di-tetrabutylammonium *cis*-bis(isothiocyanato)bis(2,2'-bipyridyl-4,4'-dicarboxylato)ruthenium(II)

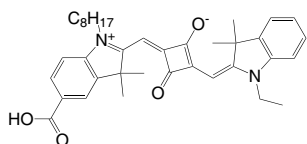
CAS No. : 207347-46-4  
 Grade : >98% (HPLC)  
 Formula :  $C_{58}H_{86}N_8O_8RuS_2$   
 M.W. : 1188.55 g/mole  
 UV : 313, 534 nm (in EtOH)

**LT-S964** | Z-907*cis*-Bis(isothiocyanato)(2,2'-bipyridyl-4,4'-dicarboxylato)(4,4'-di-nonyl-2'-bipyridyl)ruthenium(II)

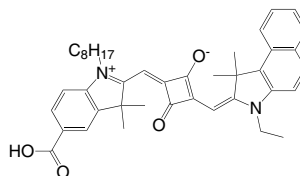
CAS No. : 502693-09-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{42}H_{52}N_6O_4RuS_2$   
 M.W. : 870.10 g/mole  
 UV : 295, 531 nm (in EtOH)

**LT-S9037** | SQ01*(E)*-4-((5-Carboxy-3,3-dimethyl-1-octyl-3*H*-indolium-2-yl)-methylene)-2-((*E*)-(1-ethyl-3,3-dimethylindolin-2-ylidene)-methyl)-3-oxocyclobut-1-enolate

CAS No. : 951248-19-4  
 Grade : >99% (HPLC)  
 Formula :  $C_{37}H_{44}N_2O_4$   
 M.W. : 580.67 g/mole  
 UV : 637 nm (in DMF)  
 TGA : >220 °C (0.5% weight loss)

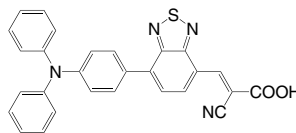
**LT-S9038** | SQ02*(E)*-4-((5-Carboxy-3,3-dimethyl-1-octyl-3*H*-indolium-2-yl)-methylene)-2-((*E*)-(3-ethyl-1,1-dimethyl-1*H*-benzo[e]indol-2(3*H*)-ylidene)methyl)-3-oxocyclobut-1-enolate

CAS No. : 1240041-84-2  
 Grade : >99% (HPLC)  
 Formula :  $C_{41}H_{46}N_2O_4$   
 M.W. : 630.81 g/mole  
 UV : 662 nm (in DMF)  
 TGA : >250 °C (0.5% weight loss)

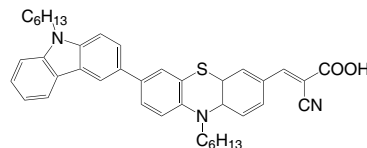
**LT-S9068** | RL-1

2-Cyano-3-(7-(4-(diphenylamino)phenyl)-benzo[c][1,2,5]-thiadiazol-4-yl)acrylic acid

CAS No. : 1415134-59-6  
 Grade : >99% (NMR)  
 Formula :  $C_{28}H_{18}N_4O_2S$   
 M.W. : 474.53 g/mole  
 UV : 324, 486 nm (in THF)  
 TGA : >240 °C (0.5% weight loss)

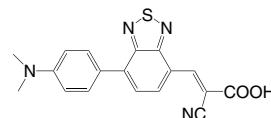
**LT-S9120** | PTCbCA*(E)*-2-Cyano-3-(10-hexyl-7-(9-hexyl-9*H*-carbazol-3-yl)-10*H*-phenothiazin-3-yl)acrylic acid

CAS No. : 1347758-70-6  
 Grade : >99% (NMR)  
 Formula :  $C_{40}H_{41}N_3O_2S$   
 M.W. : 627.84 g/mole

**LT-S9121** | CDMA-PBTCA

2-Cyano-3-(7-(4-(dimethylamino)phenyl)-benzo[c][1,2,5]-thiadiazol-4-yl)acrylic acid

Grade : >99% (NMR)  
 Formula :  $C_{18}H_{14}N_4O_2S$   
 M.W. : 350.39 g/mole

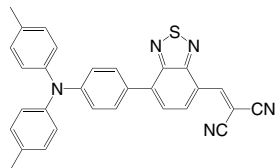


## Dye-sensitized

## LT-S9122 | DTDCPB

2-((7-(4-(Di-p-tolylamino)phenyl)benzo[c][1,2,5]thiadiazol-4-yl)methylene)malononitrile

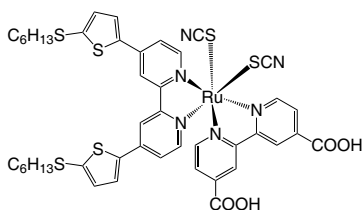
CAS No. : 1393343-58-2  
 Grade : >99%  
 Formula : C<sub>30</sub>H<sub>21</sub>N<sub>5</sub>S  
 M.W. : 483.59 g/mole  
 UV : 306, 568 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



## LT-S9416 | C106 Dye

cis-Bis(isothiocyanato)(2,2'-bipyridyl-4,4'-dicarboxylato)-(4,4'-bis(5-(hexylthio)thiophen-2-yl)-2,2'-bipyridyl)-ruthenium(II)

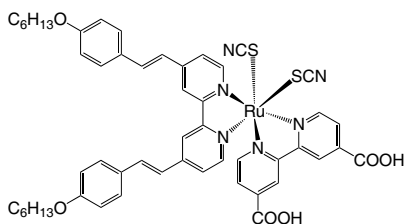
CAS No. : 1152310-69-4  
 Formula : C<sub>44</sub>H<sub>44</sub>N<sub>6</sub>O<sub>4</sub>RuS<sub>6</sub>  
 M.W. : 1014.32 g/mole



## LT-S9417 | K19 Dye

cis-Bis(thiocyanato)(2,2'-bipyridyl-4,4'-dicarboxylic acid)-(4,4'-bis(phexyloxystyryl)-2,2'-bipyridine)ruthenium(II)

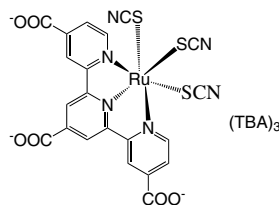
CAS No. : 847665-45-6  
 Formula : C<sub>52</sub>H<sub>52</sub>N<sub>6</sub>O<sub>6</sub>RuS<sub>2</sub>  
 M.W. : 1022.21 g/mole



## LT-S9418 | N749 Black Dye

Tris(tetrabutylammonium)-tris(isothiocyanato)(2,2':6',6''-terpyridyl-4,4',4''-tricarboxylato)ruthenium(II)

CAS No. : 359415-47-7  
 Formula : C<sub>69</sub>H<sub>117</sub>N<sub>9</sub>O<sub>6</sub>RuS<sub>3</sub>  
 M.W. : 1364.98 g/mole

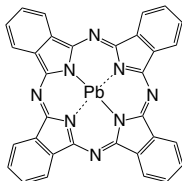


## Small Molecular / Oligomer

## LT-D2004 | PbPC

Lead(II) phthalocyanine

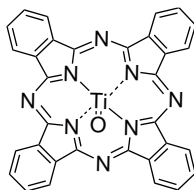
CAS No.	: 15187-16-3
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Pb
M.W.	: 719.74 g/mole
UV	: 698 nm (in DMF)



## LT-E206 | TiOPC

Titanium oxide phthalocyanine

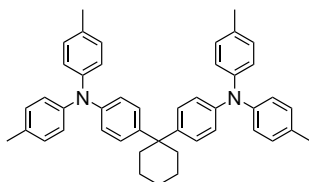
CAS No.	: 26201-32-1
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> O <sub>2</sub> Ti
M.W.	: 576.39 g/mole
UV	: 349,692 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 392 nm (film)
TGA	: >440°C (0.5% weight loss)



## LT-N137 | TAPC

Di-[4-(N,N-di-p-tolyl-amino)-phenyl]cyclohexane

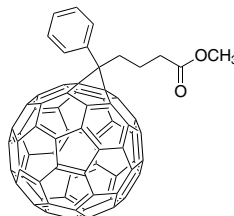
CAS No.	: 58473-78-2
Grade	: Sublimed >99.5% (HPLC)
Formula	: C <sub>46</sub> H <sub>46</sub> N <sub>2</sub>
M.W.	: 626.87 g/mole
UV	: 305 nm (in THF)
PL	: 414 nm (in THF)
TGA	: >290 °C (0.5% weight loss)
Solvent	: Toluene, Chloroform



## LT-S905 | PCBM

(6,6)-Phenyl C61 butyric acid methyl ester

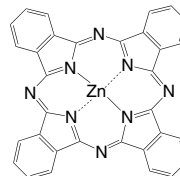
CAS No.	: 160848-22-6
Grade	: >99.5% (HPLC)
Formula	: C <sub>72</sub> H <sub>14</sub> O <sub>2</sub>
M.W.	: 910.88 g/mole
UV	: 258, 328 nm (in THF)



## LT-S906 | ZnPC

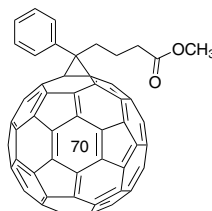
Zinc phthalocyanine

CAS No.	: 14320-04-8
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Zn
M.W.	: 577.92 g/mole
PL	: 534 nm (in CH <sub>2</sub> Cl <sub>2</sub> )

LT-S923 | PC<sub>71</sub>BM

(6,6)-Phenyl C71 butyric acid methyl ester, mixture of isomers

CAS No.	: 609771-63-3
Grade	: >99% (HPLC)
Formula	: C <sub>82</sub> H <sub>14</sub> O <sub>2</sub>
M.W.	: 1030.93 g/mole
UV	: 372 nm (in Toluene)
TGA	: >360°C (0.5% weight loss)

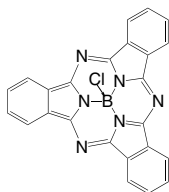


## Small Molecular / Oligomer

## LT-S943 | SubPC

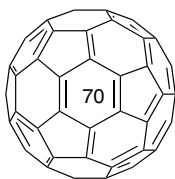
Boron subphthalocyanine chloride

CAS No. : 36530-06-0  
 Grade : Sublimed >99%  
 Formula :  $C_{24}H_{12}BN_6Cl$   
 M.W. : 430.66 g/mole  
 UV : 565 nm (in DMF)  
 PL : 577 nm (in DMF)  
 TGA : >340 °C (0.5% weight loss)

LT-S967 | C<sub>70</sub>

(5,6)-Fullerene-C70

CAS No. : 115383-22-7  
 Grade : >99% (HPLC)  
 Formula : C<sub>70</sub>  
 M.W. : 840.75 g/mole  
 UV : 344, 382 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >450°C (0.5% weight loss)



## LT-S9025 | AIPCCI

Aluminum phthalocyanine chloride

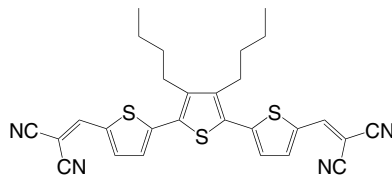
CAS No. : 14154-42-8  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{16}AlClN_8$   
 M.W. : 574.97 g/mole  
 UV : 675 nm (in DMF)  
 TGA : >370 °C (0.5% weight loss)



## LT-S9125 | DCV3T

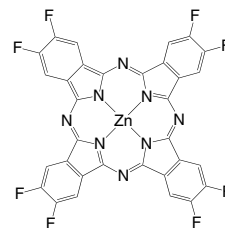
3',4'-Dibutyl-5,5''-bis(dicyanovinyl)-2,2':5',2''-terthiophene

CAS No. : 908588-68-1  
 Grade : >99% (HPLC)  
 Formula :  $C_{28}H_{24}N_4S_3$   
 M.W. : 512.71 g/mole  
 UV : 498 nm (in CH<sub>2</sub>Cl<sub>2</sub>)

LT-S9172 | F<sub>8</sub>ZnPc

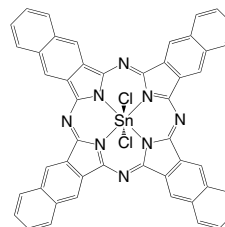
Zinc(II)-2,3,9,10,16,17,23,24-octafluoro-29H,31H-phthalocyanine

CAS No. : 676519-80-5  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_8F_8N_8Zn$   
 M.W. : 721.86 g/mole  
 UV : 338, 656 nm (in DMF)  
 TGA : >300°C (0.5% weight loss)

LT-S9180 | SnNCCI<sub>2</sub>

Tin(IV) 2,3-naphthalocyanine dichloride

CAS No. : 26857-61-4  
 Grade : Sublimed product  
 Formula :  $C_{48}H_{24}Cl_2N_8Sn$   
 M.W. : 902.37 g/mole  
 TGA : >300°C (0.5% weight loss)





## Small Molecular / Oligomer

## LT-S9625

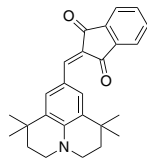
2-((1,1,7,7-tetramethyl-1,2,3,5,6,7-hexahydropyrido[3,2,1-ij]quinolin-9-yl)methylene)-1H-indene-1,3(2H)-dione

CAS No :1952291-92-7

Grade :&gt;99%

Formula :C<sub>26</sub>H<sub>27</sub>NO<sub>2</sub>

M.W. :385.5 g/mole



## LT-S9626

## DM-2,9-DMQA

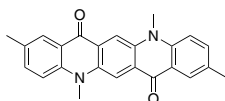
N,N'-dimethyl-2,9-dimethylquinacridone

CAS No :16042-42-8

Grade :&gt;98%

Formula :C<sub>24</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :368.43 g/mole



## LT-S9627

## F5-SubPC

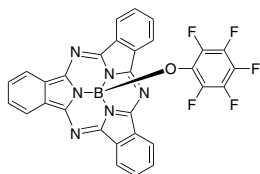
Pentafluorophenoxyboronsubphthalocyanine

CAS No :1235758-93-6

Grade :&gt;98%

Formula :C<sub>30</sub>H<sub>12</sub>BF<sub>5</sub>N<sub>6</sub>O

M.W. :578.26 g/mole



## LT-S9668

## F6-SubPC-Cl

**NEW**

Hexafluoro boron subphthalocyanine chloride

Grade :&gt;95%

Formula :C<sub>24</sub>H<sub>6</sub>BClF<sub>6</sub>N<sub>6</sub>

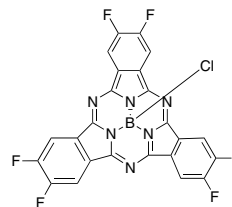
UV :552 nm

M.W. :538.6 g/mole

HOMO :-5.8 eV

LUMO :-3.6 eV

Solvent :DCM



## LT-S9672

## ClmFn-F6SubPc

**NEW**

Hexafluoro boron subphthalocyanine chloride/fluoro

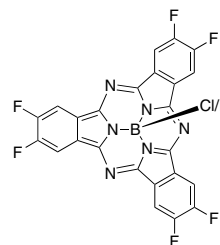
Grade :With isomer &gt;95%

Formula :C<sub>24</sub>H<sub>6</sub>BClF<sub>6</sub>N<sub>6</sub>

UV :560 nm

M.W. :538.6 g/mole

Solvent :Solid

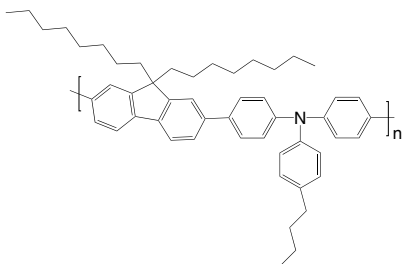


## Polymers

## LT-N174

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(*p*-butylphenyl))diphenylamine)]

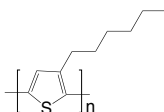
CAS No. : 223569-31-1  
 Grade :  $M_w > 30,000$  (GPC)  
 Formula :  $(C_{51}H_{61}N)_n$   
 UV : 385 nm (in THF)  
 PL : 434 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S909 P3HT

Poly(3-hexylthiophene-2,5-diyl)

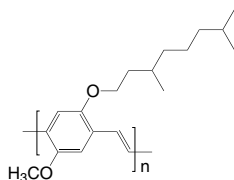
CAS No. : 110134-47-9 / 104934-50-1  
 Grade :  $M_w > 45,000$  (GPC); Electronic Grade: Regio Regular >93%  
 Formula :  $(C_{10}H_{14}S)_n$   
 UV : 445 nm (in THF)  
 PL : 564 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S932 MDMO-PPV

Poly[2-methoxy-5-(3,7-dimethyloxy)yl]-1,4-phenylenevinylene]

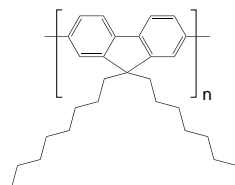
CAS No. : 177716-59-5  
 Grade :  $M_w > 100,000$  (GPC)  
 Formula :  $(C_{19}H_{28}O_2)_n$   
 UV : 485 nm (in  $CH_2Cl_2$ )  
 PL : 555 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S933 PFO

Poly(9,9-dioctylfluorenyl-2,7-diyl)

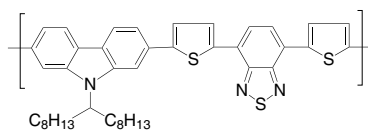
CAS No. : 123864-00-6  
 Grade :  $M_w = 50,000 \sim 150,000$  (GPC)  
 Formula :  $(C_{29}H_{40})_n$   
 UV : 376 nm (in THF)  
 PL : 426 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S948 PCDTBT

Poly[*N*-9'-heptadecanyl-2,7-carbazole-*alt*-5,5'-(4',7'-di-2-thienyl-2',1',3'-benzothiadiazole)]

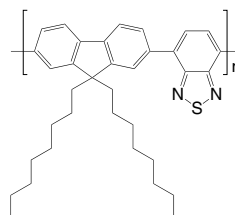
CAS No. : 958261-50-2  
 Grade :  $M_w = 20,000 \sim 100,000$  (GPC)  
 Formula :  $(C_{43}H_{47}N_3S_3)_n$   
 UV : 390, 554 nm (in THF)  
 PL : 639 nm (in THF)  
 Solubility : >5 mg/mL in  $CHCl_3$



## LT-S957 F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl)]

CAS No. : 210347-52-7  
 Grade :  $M_w > 20,000$  (GPC)  
 Formula :  $(C_{35}H_{42}N_2S)_n$   
 UV : 453 nm (in THF)  
 PL : 534 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene

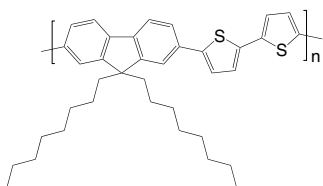


## Polymers

## LT-S979 | F8T2

Poly[(9,9-di-*n*-octylfluorenyl-2,7-diyl)-*alt*-2,2'-bithiophene-5,5'-diyl]

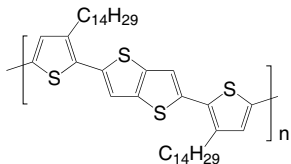
CAS No. : 210347-56-1  
 Grade :  $M_w > 20,000$  (GPC)  
 Formula :  $(C_{37}H_{44}S_2)_n$   
 UV : 454 nm (in THF)  
 PL : 500 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S982 | PBTTC-14

Poly[2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-*b*]thiophene]

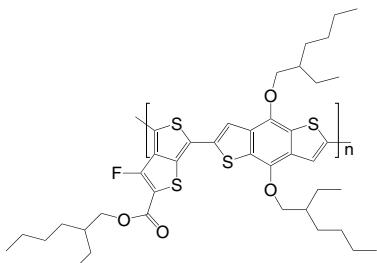
CAS No. : 888491-19-8  
 Grade :  $M_w = 10,000 \sim 100,000$  (GPC)  
 Formula :  $(C_{42}H_{62}S_4)_n$   
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility :  $> 5$  mg/mL in  $CHCl_3$



## LT-S9050 | PTB7

Poly[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-*b*]thiophene-4,6-diyl]

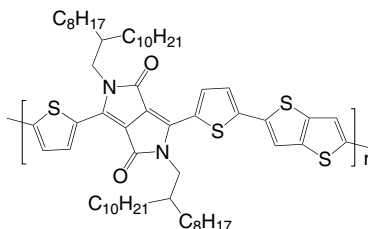
CAS No. : 1266549-31-8  
 Grade :  $M_w > 20,000$  (GPC)  
 Formula :  $(C_{41}H_{53}FO_4S_4)_n$   
 UV : 670 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9118 | PDBT-co-TT

Poly[2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-*c*]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-thieno[3,2-*b*]thiophen-2,5-diyl]

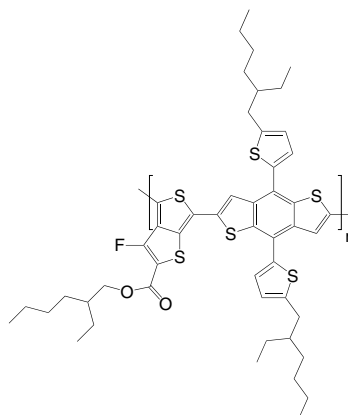
CAS No. : 1444870-74-9  
 Grade :  $M_w > 30,000$  (GPC)  
 Formula :  $(C_{60}H_{88}N_2O_2S_4)_n$   
 UV : 810 nm (in  $CHCl_3$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9139 | PTB7-Th

Poly[4,8-bis[5-(2-ethylhexyl)thiophen-2-yl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-*b*]thiophene-4,6-diyl]

CAS No. : 1469791-66-9  
 Grade :  $M_w = 10,000 \sim 100,000$  (GPC)  
 Formula :  $(C_{49}H_{57}FO_2S_6)_n$   
 UV : 695 nm (in  $CHCl_3$ )  
 Solubility :  $> 5$  mg/mL in  $CHCl_3$



## Polymers

## LT-PS001 | PEDOT: PSS

Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

## Specification

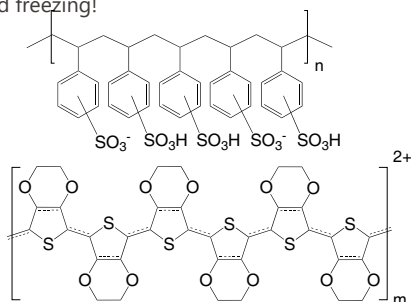
CAS No. : 155090-83-8  
 Description : Aqueous dispersion, blue liquid.  
 Sodium : Max. 400 ppm  
 Sulfate : Max. 40 ppm  
 Solid content: 1.3 - 1.7 wt%  
 PSD d50 : 80 nm  
 PSD d90 : 100 nm  
 Resistivity : 500-5000 Ωcm  
 Viscosity : 5-12 mPas

## Technical Data (guide values, not a specification)

Form : liquid  
 Odour : odourless  
 Colour : dark blue  
 PEDOT:PSS ratio: 1:6 (by weight)  
 PEDOT work function: approx 5.2 eV  
 pH : 1.2 - 2.2 at 20°C  
 Boiling Point : approx 100°C

## Storage:

The product is sensitive to frost and should therefore not be stored at temperatures below 5°C.  
 Avoid freezing!

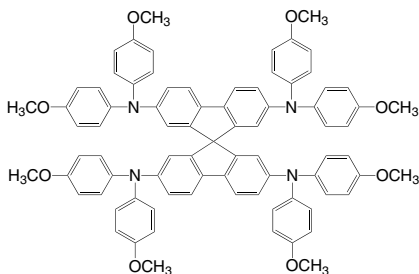


## Perovskite-based Photodiodes

## LT-S922 | Spiro-MeOTAD

2,2',7,7'-Tetrakis(N,N-di-*p*-methoxyphenylamino)-9,9'-spirobifluorene

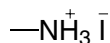
CAS No. : 207739-72-8  
 Grade : >99.5% (HPLC)  
 Formula : C<sub>81</sub>H<sub>68</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. : 1225.43 g/mole  
 UV : 306, 385 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 429 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >360 °C (0.5% weight loss)



## LT-S9126 | MAI

Methylammonium iodide

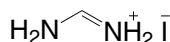
CAS No. : 14965-49-2  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>5</sub>IN  
 M.W. : 158.97 g/mole



## LT-S9136 | FAI

Formamidinium iodide

CAS No. : 879643-71-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>5</sub>IN<sub>2</sub>  
 M.W. : 171.97 g/mole

LT-S9147 | Pbl<sub>2</sub>

Lead(II) iodide

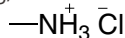
CAS No. : 10101-63-0  
 Grade : 99.999% (trace metals basis)  
 Formula : Pbl<sub>2</sub>  
 M.W. : 461.01 g/mole



## LT-S9151 | Methylammonium chloride

Methylammonium chloride

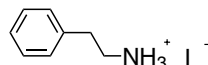
CAS No. : 593-51-1  
 Grade : >99.5% , recrystallized 4 times  
 Formula : CH<sub>5</sub>ClN  
 M.W. : 67.52 g/mole



## LT-S9251 |

Phenethylammonium iodide

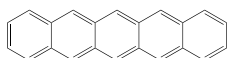
CAS No. : 151059-43-7  
 Grade : >99.5% , recrystallized 4 times  
 Formula : C<sub>8</sub>H<sub>12</sub>IN  
 M.W. : 249.09 g/mole



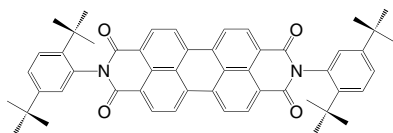
**LT-S901** | Pentacene

## Pentacene

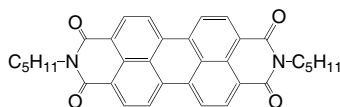
CAS No.	: 135-48-8
Grade	: Sublimed >99%
Formula	: C <sub>22</sub> H <sub>14</sub>
M.W.	: 278.35 g/mole
UV	: 300 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 509 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >290 °C (0.5% weight loss)

**LT-S902** | PDCDT*N,N'*-Bis(2,5-di-*tert*-butylphenyl)-3,4,9,10-perylene dicarboximide

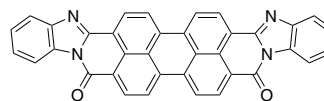
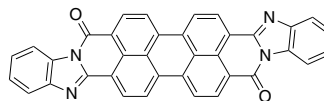
CAS No.	: 83054-80-2
Grade	: Sublimed >99%
Formula	: C <sub>52</sub> H <sub>50</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 766.96 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 544, 574 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >350 °C (0.5% weight loss)

**LT-S904** | PenPTC*N,N'*-Dipentyl-3,4,9,10-perylene dicarboximide

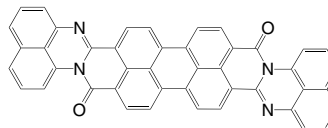
CAS No.	: 76372-75-3
Grade	: Sublimed >99%
Formula	: C <sub>34</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 530.61 g/mole
UV	: 523 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 535, 573 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >350 °C (0.5% weight loss)

**LT-S918** | PTCBIBisbenzimidazo[2,1-a:1',2-b']anthra[2,1,9-def,6,5,10-d'e'f'] diisoguinoline-10,21-dione, with *cis* isomer

CAS No.	: 79534-91-1
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>
M.W.	: 536.54 g/mole
PL	: 414 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >420 °C (0.5% weight loss)

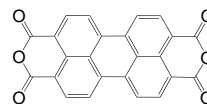
**LT-S919** | ADIDIAnthra[2",1",9":4,5,6,6",5",10":4',5',6']diisoquino[2,1-a:2',1'-a'] dipiperidine-12,25-dione, with *cis* isomer

CAS No.	: 6859-32-1
Grade	: Sublimed product
Formula	: C <sub>44</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
M.W.	: 636.66 g/mole
PL	: 413 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >430 °C (0.5% weight loss)

**LT-S920** | PTCDA

## 3,4,9,10-Perylenetetracarboxylic dianhydride

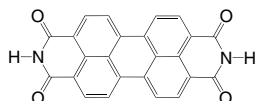
CAS No.	: 128-69-8
Grade	: Sublimed >99%
Formula	: C <sub>24</sub> H <sub>6</sub> O <sub>6</sub>
M.W.	: 392.32 g/mole
PL	: 413 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >450 °C (0.5% weight loss)



**LT-S921** | PTCDI

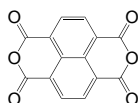
3,4,9,10-Perylenetetracarboxylic diimide

CAS No.	: 81-33-4
Grade	: Sublimed >99%
Formula	: C <sub>24</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 390.35 g/mole
PL	: 413 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >450 °C (0.5% weight loss)

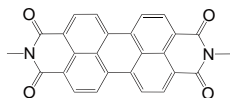
**LT-S924** | NTCDA

1,4,5,8-Naphthalenetetracarboxylic dianhydride

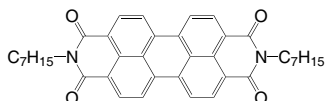
CAS No.	: 81-30-1
Grade	: Sublimed >99%
Formula	: C <sub>14</sub> H <sub>4</sub> O <sub>6</sub>
M.W.	: 268.18 g/mole
UV	: 366 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 394 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >270 °C (0.5% weight loss)

**LT-S925** | MePTC*N,N'*-Dimethyl-3,4,9,10-perylene dicarboximide

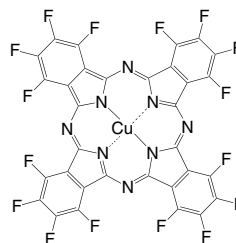
CAS No.	: 5521-31-3
Grade	: Sublimed product
Formula	: C <sub>26</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 418.4 g/mole
UV	: 522 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 571 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >440 °C (0.5% weight loss)

**LT-S926** | HepPTC*N,N'*-Diheptyl-3,4,9,10-perylene dicarboximide

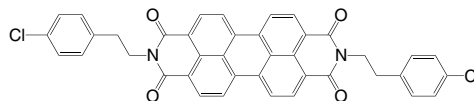
CAS No.	: 95689-91-1
Grade	: Sublimed >99%
Formula	: C <sub>38</sub> H <sub>38</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 586.72 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 537, 571 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >390 °C (0.5% weight loss)

**LT-S928** | F<sub>16</sub>CuPCCopper(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29*H*,31*H*-phthalocyanine

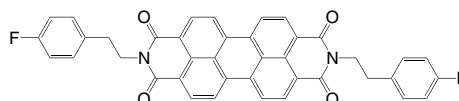
CAS No.	: 14916-87-1
Grade	: Sublimed product
Formula	: C <sub>32</sub> F <sub>16</sub> CuN <sub>8</sub>
M.W.	: 863.92 g/mole
UV	: 690 nm (in CH <sub>2</sub> Cl <sub>2</sub> )

**LT-S935** | 4CIPEPTC*N,N'*-Bis[2-(4-chloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No.	: 215726-51-5
Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 667.53 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 544 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >370 °C (0.5% weight loss)

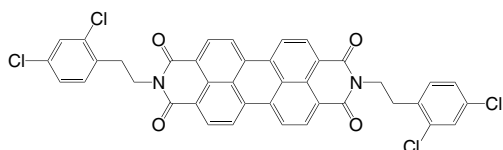
**LT-S936** | 4FPEPTC*N,N'*-Bis[2-(4-fluoro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No.	: 215726-57-1
Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>24</sub> F <sub>2</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 634.63 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 538 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >370 °C (0.5% weight loss)

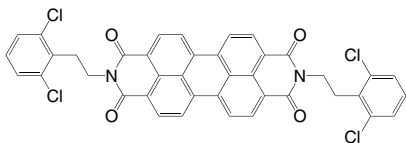


**LT-S937** | 2,4CIPEPTC*N,N'*-Bis[2-(2,4-dichloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

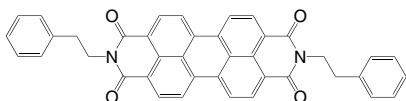
Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>22</sub> Cl <sub>4</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 736.42 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 536 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >390 °C (0.5% weight loss)

**LT-S938** | 2,6CIPEPTC*N,N'*-Bis[2-(2,6-dichloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>22</sub> Cl <sub>4</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 736.42 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 536 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >440 °C (0.5% weight loss)

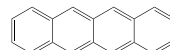
**LT-S939** | PEPTC*N,N'*-Bis(2-phenyl-ethyl)-3,4,9,10-perylene dicarboximide

CAS No.	: 67075-37-0
Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>26</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 598.64 g/mole
UV	: 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 537 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >390 °C (0.5% weight loss)

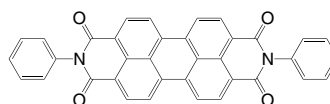
**LT-S940** | Tetracene

2,3-Benzanthracene

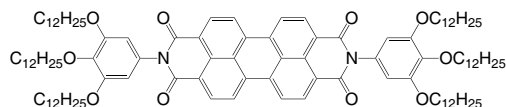
CAS No.	: 92-24-0
Grade	: Sublimed >99% (HPLC)
Formula	: C <sub>18</sub> H <sub>12</sub>
M.W.	: 228.29 g/mole
UV	: 277 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 514 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >180 °C (0.5% weight loss)

**LT-S941** | DP-PTCDI*N,N'*-Diphenyl-3,4,9,10-perylene dicarboximide

CAS No.	: 128-65-4
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 542.54 g/mole
UV	: 481, 515 nm (in THF)
PL	: 531 nm (in THF)
TGA	: >380 °C (0.5% weight loss)

**LT-S956** | PDI1*N,N'*-Bis(3,4,5-tridodecyloxyphenyl)-3,4,9,10-perylene dicarboximide

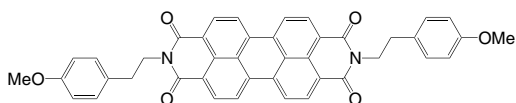
CAS No.	: 351377-40-7
Grade	: >99% (NMR)
Formula	: C <sub>108</sub> H <sub>162</sub> N <sub>2</sub> O <sub>10</sub>
M.W.	: 1648.45 g/mole
UV	: 489, 526 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >290 °C (0.5% weight loss)





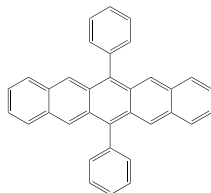
**LT-S960** | 4MeOPEPTC*N,N'*-Bis[2-(4-methoxyphenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No.	: 119215-14-4
Grade	: Sublimed >99%
Formula	: C <sub>42</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>
M.W.	: 658.70 g/mole
UV	: 458, 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 534 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >370 °C (0.5% weight loss)

**LT-S968** | 6,13-DP-Penta

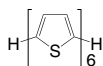
6,13-Diphenylpentacene

CAS No.	: 76727-11-2
Grade	: Sublimed >99% (HPLC)
Formula	: C <sub>34</sub> H <sub>22</sub>
M.W.	: 430.54 g/mole
UV	: 307 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 447 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >250 °C (0.5% weight loss)

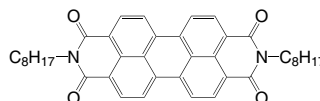
**LT-S969** | α-6T

α-Sexithiophene

CAS No.	: 88493-55-4
Grade	: Sublimed >99%
Formula	: C <sub>24</sub> H <sub>14</sub> S <sub>6</sub>
M.W.	: 494.76 g/mole
UV	: 437 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 511 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >330 °C (0.5% weight loss)

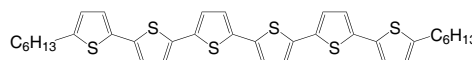
**LT-S970** | PTCDI-C<sub>8</sub>*N,N'*-Diocetyl-3,4,9,10-perylene dicarboximide

CAS No.	: 78151-58-3
Grade	: Sublimed >99%
Formula	: C <sub>40</sub> H <sub>42</sub> N <sub>2</sub> O <sub>4</sub>
M.W.	: 614.77 g/mole
UV	: 456, 524 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
PL	: 573 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >390 °C (0.5% weight loss)

**LT-S972** | α,ω-DH6T

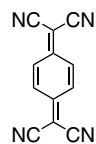
5,5''''-Dihexyl-2,2':5',2''':5'',2''':5''',2''''-sexithiophene

CAS No.	: 151271-43-1
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>38</sub> S <sub>6</sub>
M.W.	: 663.08 g/mole
PL	: 439 nm (in Toluene)
TGA	: >230 °C (0.5% weight loss)

**LT-S973** | TCNQ

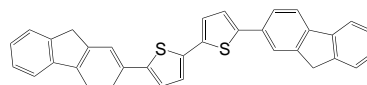
7,7,8,8-Tetracyanoquinodimethane

CAS No.	: 1518-16-7
Grade	: Sublimed >99% (HPLC)
Formula	: C <sub>12</sub> H <sub>4</sub> N <sub>4</sub>
M.W.	: 204.19 g/mole
UV	: 259, 404 nm (in CH <sub>2</sub> Cl <sub>2</sub> )
TGA	: >210 °C (0.5% weight loss)

**LT-S975** | FTTF

5,5'-Di(9H-fluoren-2-yl)-2,2'-bithiophene

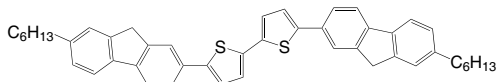
CAS No.	: 369599-41-7
Grade	: Sublimed >99%
Formula	: C <sub>34</sub> H <sub>22</sub> S <sub>2</sub>
M.W.	: 494.67 g/mole
PL	: 378 nm (in Toluene)
TGA	: >200 °C (0.5% weight loss)



**LT-S976** | DH-FTTF

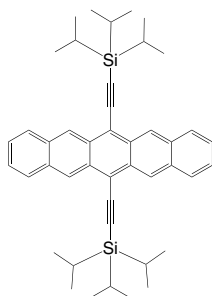
5,5'-Bis(7-hexyl-9H-fluoren-2-yl)-2,2'-bithiophene

CAS No. : 369599-42-8  
 Grade : Sublimed >99%  
 Formula :  $C_{46}H_{46}S_2$   
 M.W. : 662.99 g/mole  
 UV : 378 nm (in Toluene)  
 TGA : >200 °C (0.5% weight loss)

**LT-S977** | TIPS

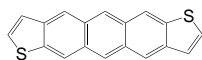
6,13-Bis(triisopropylsilylethynyl)pentacene

CAS No. : 373596-08-8  
 Grade : >99% (HPLC)  
 Formula :  $C_{44}H_{54}Si_2$   
 M.W. : 639.07 g/mole  
 UV : 307 nm (in  $CH_2Cl_2$ )  
 TGA : >230 °C (0.5% weight loss)

**LT-S9026** | ADT

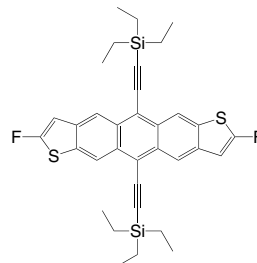
Anthra[2,3-b:6,7-b']dithiophene

CAS No. : 144413-58-1  
 Grade : Sublimed >99%  
 Formula :  $C_{18}H_{10}S_2$   
 M.W. : 290.40 g/mole  
 UV : 320 nm (in  $CH_2Cl_2$ )  
 TGA : >250 °C (0.5% weight loss)

**LT-S9027** | diF-TES-ADT

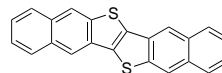
2,8-Difluoro-5,11-bis(triethylsilylethynyl)anthradithiophene, mixture of syn &amp; anti isomers

CAS No. : 1015071-21-2  
 Grade : >99% (NMR)  
 Formula :  $C_{34}H_{36}F_2S_2Si_2$   
 M.W. : 602.95 g/mole  
 TGA : >230 °C (0.5% weight loss)

**LT-S9031** | DNTT

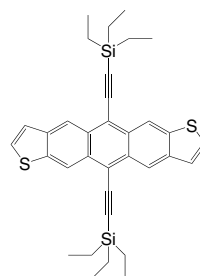
Dinaphtho[2,3-b:2,3'-f]thieno[3,2-b]thiophene

CAS No. : 935280-42-5  
 Grade : Sublimed >99%  
 Formula :  $C_{22}H_{12}S_2$   
 M.W. : 340.46 g/mole  
 TGA : >310 °C (0.5% weight loss)

**LT-S9034** | TES-ADT

5,11-Bis(triethylsilylethynyl)anthradithiophene, mixture of syn &amp; anti isomers

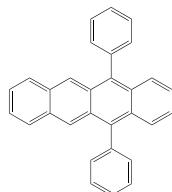
CAS No. : 851817-11-3  
 Grade : >99% (NMR)  
 Formula :  $C_{34}H_{38}S_2Si_2$   
 M.W. : 566.97 g/mole  
 UV : 306 nm (in  $CH_2Cl_2$ )  
 TGA : >230 °C (0.5% weight loss)



**LT-S9035** | DPT

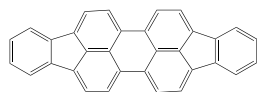
5,12-Diphenyltetracene

CAS No. : 27130-32-1  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>30</sub>H<sub>20</sub>  
 M.W. : 380.48 g/mole  
 UV : 262, 492 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >230 °C (0.5% weight loss)

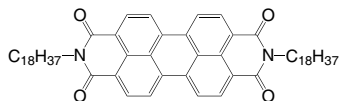
**LT-S9036** | DIP

Diindeno[1,2,3-cd:1',2',3'-lm]perylene

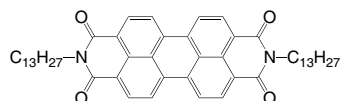
CAS No. : 188-94-3  
 Grade : Sublimed product  
 Formula : C<sub>32</sub>H<sub>16</sub>  
 M.W. : 400.47 g/mole  
 UV : 494, 532 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >230 °C (0.5% weight loss)

**LT-S9041** | PTCDI-C<sub>18</sub>H<sub>37</sub>*N,N'*-Dioctadecyl-3,4,9,10-perylenedicarboximide

CAS No. : 25834-02-0  
 Grade : Sublimed >99%  
 Formula : C<sub>60</sub>H<sub>82</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 895.30 g/mole  
 UV : 485, 520 nm (in Toluene)  
 TGA : >340 °C (0.5% weight loss)

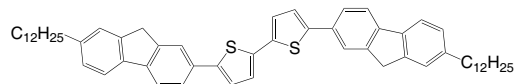
**LT-S9042** | PTCDI-C<sub>13</sub>H<sub>27</sub>*N,N'*-Ditridecyl-3,4,9,10-perylenedicarboximide

CAS No. : 95689-92-2  
 Grade : Sublimed >99%  
 Formula : C<sub>50</sub>H<sub>62</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 755.04 g/mole  
 UV : 484, 520 nm (in Toluene)  
 TGA : >390 °C (0.5% weight loss)

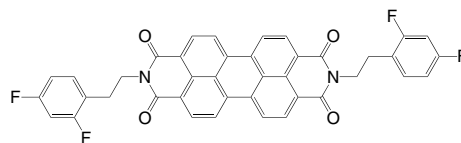
**LT-S9043** | Ddodec-FTTF

5,5'-Bis(7-dodecyl-9H-fluorene-2-yl)-2,2'-bithiophene

CAS No. : 846542-27-6  
 Grade : Sublimed >99%  
 Formula : C<sub>58</sub>H<sub>70</sub>S<sub>2</sub>  
 M.W. : 831.31 g/mole  
 UV : 254, 409 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >350 °C (0.5% weight loss)

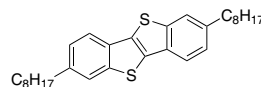
**LT-S9049** | 2,4-FPEPTC*N,N'*-Bis[2-(2,4-difluoro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No. : 1644439-37-1  
 Grade : Sublimed >99%  
 Formula : C<sub>40</sub>H<sub>22</sub>F<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 670.61 g/mole  
 UV : 245 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >340 °C (0.5% weight loss)

**LT-S9054** | C8-BTBT

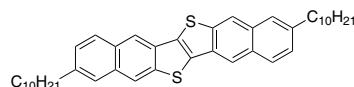
2,7-Dioctyl[1]benzothieno[3,2-b][1]benzothiophene

CAS No. : 583050-70-8  
 Grade : Sublimed >99%  
 Formula : C<sub>30</sub>H<sub>40</sub>S<sub>2</sub>  
 M.W. : 464.77 g/mole

**LT-S9055** | C10-DNTT

2,9-Didecylindaphtho[2,3-b:2',3'-f]thieno[3,2-b]thiophene

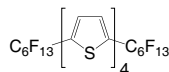
CAS No. : 1169932-40-4  
 Grade : Sublimed >99%  
 Formula : C<sub>42</sub>H<sub>52</sub>S<sub>2</sub>  
 M.W. : 620.99 g/mole



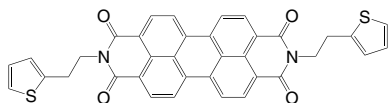
**LT-S9057** | DFH-4T

5,5'-Bis((5-perfluorohexyl)thiophen-2-yl)-2,2'-bithiophene

CAS No. : 446043-85-2  
 Grade : Sublimed >99%  
 Formula :  $C_{28}H_8F_{26}S_4$   
 M.W. : 966.58 g/mole  
 UV : 259, 404 nm (in  $CH_2Cl_2$ )  
 TGA : >220 °C (0.5% weight loss)

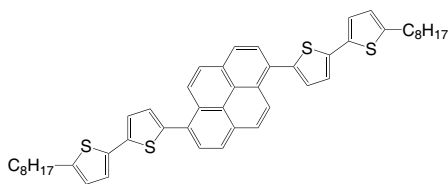
**LT-S9059** | TEPTC*N,N'*-Di(thiophen-2-yl)ethyl-3,4,9,10-perylene dicarboximide

CAS No. : 1559069-50-9  
 Grade : Sublimed >99%  
 Formula :  $C_{36}H_{22}N_2O_4S_2$   
 M.W. : 610.70 g/mole  
 UV : 260 nm (in  $CH_2Cl_2$ )  
 TGA : >400 °C (0.5% weight loss)

**LT-S9077** | BOBTP

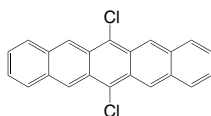
1,6-Bis(5'-octyl-2,2'-bithiophen-5-yl)pyrene

CAS No. : 1430207-54-7  
 Grade : Sublimed >99% (NMR)  
 Formula :  $C_{48}H_{50}S_4$   
 M.W. : 755.17 g/mole  
 UV : 322, 410 nm (in  $CHCl_3$ )

**LT-S9080** | DCP

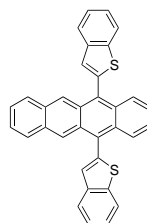
6,13-Dichloropentacene

CAS No. : 59156-92-2  
 Grade : Sublimed >99%  
 Formula :  $C_{22}H_{12}Cl_2$   
 M.W. : 347.24 g/mole  
 TGA : >350 °C (0.5% weight loss)

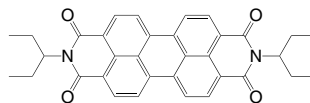
**LT-S9088** | 5,12-DBTT**NEW**

5,12-Bis(benzo[b]thiophen-2-yl)tetracene

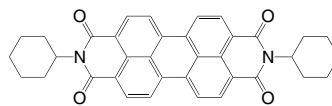
CAS No. : 1225220-87-0  
 Grade : Sublimed >98%  
 Formula :  $C_{34}H_{20}S_2$   
 M.W. : 492.65 g/mole

**LT-S9092** | 3PenPTC*N,N'*-Bis(ethylpropyl)perylene-3,4,9,10-tetracarboxylicdiimide

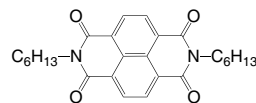
CAS No. : 110590-81-3  
 Grade : Sublimed >99%  
 Formula :  $C_{34}H_{30}N_2O_4$   
 M.W. : 530.61 g/mole  
 TGA : >270 °C (0.5% weight loss)

**LT-S9093** | DCyPTC*N,N'*-Dicyclohexylperylene-3,4,9,10-tetracarboxylicdiimide

CAS No. : 41572-86-5  
 Grade : Sublimed >99%  
 Formula :  $C_{36}H_{30}N_2O_4$   
 M.W. : 554.63 g/mole  
 TGA : >350 °C (0.5% weight loss)

**LT-S9094** | NTDA-C<sub>6</sub>H<sub>13</sub>2,7-Dihexylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAS No. : 23536-15-4  
 Grade : Sublimed >99% (HPLC)  
 Formula :  $C_{26}H_{30}N_2O_4$   
 M.W. : 434.53 g/mole  
 TGA : >250 °C (0.5% weight loss)

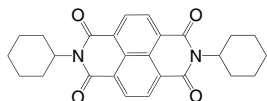


**LT-S9095** | NTDA-C<sub>8</sub>H<sub>17</sub>2,7-Dioctylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

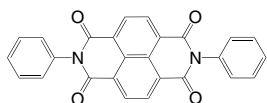
CAS No. : 34155-21-0  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 490.63 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9096** | DCyNTDA2,7-Dicyclohexylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

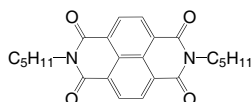
CAS No. : 173409-43-3  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>26</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 430.50 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9097** | DPNTDA2,7-Diphenylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

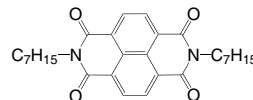
CAS No. : 24259-89-0  
 Grade : Sublimed >99%  
 Formula : C<sub>26</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 418.40 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9098** | NTDA-C<sub>5</sub>H<sub>11</sub>2,7-Dipentylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

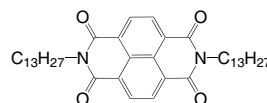
CAS No. : 173409-41-1  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>24</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 406.47 g/mole  
 TGA : >240 °C (0.5% weight loss)

**LT-S9099** | NTDA-C<sub>7</sub>H<sub>15</sub>2,7-Diheptylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

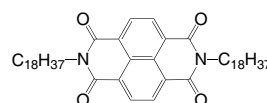
CAS No. : 698370-78-4  
 Grade : Sublimed >99%  
 Formula : C<sub>28</sub>H<sub>34</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 462.58 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9100** | NTDA-C<sub>13</sub>H<sub>27</sub>2,7-Ditridecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

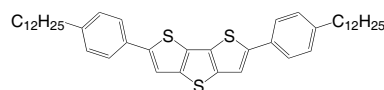
CAS No. : 1373274-00-0  
 Grade : Sublimed >99%  
 Formula : C<sub>40</sub>H<sub>58</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 630.90 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9101** | NTDA-C<sub>18</sub>H<sub>37</sub>2,7-Dioctadecylbenzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAS No. : 144742-50-7  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>50</sub>H<sub>78</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 771.17 g/mole  
 TGA : >280 °C (0.5% weight loss)

**LT-S9102** | DTT-122,6-Bis(4-dodecylphenyl)-dithieno[3,2-*b*:2',3'-*d'*]thiophene

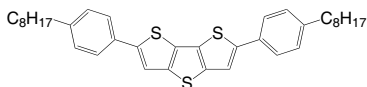
CAS No. : 1446140-70-0  
 Grade : Sublimed >99% (NMR)  
 Formula : C<sub>44</sub>H<sub>60</sub>S<sub>3</sub>  
 M.W. : 685.14 g/mole  
 TGA : >280 °C (0.5% weight loss)



**LT-S9103** | DTT-8

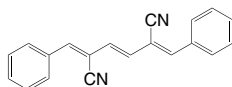
2,6-Bis(4-octylphenyl)-dithieno[3,2-b:2',3'-d']thiophene

CAS No. : 1429377-95-6  
 Grade : Sublimed >99% (NMR)  
 Formula :  $C_{36}H_{44}S_3$   
 M.W. : 572.93 g/mole  
 TGA : >270 °C (0.5% weight loss)

**LT-S9128** | Dp-triene-2,5-CN

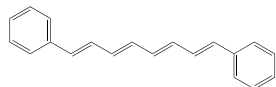
(2Z,3E,5Z)-2,5-Dibenzylidenehex-3-enedinitrile

CAS No. : 1376166-32-3  
 Grade : >99%  
 Formula :  $C_{20}H_{14}N_2$   
 M.W. : 282.34 g/mole

**LT-S9129** | Dp-tetraene

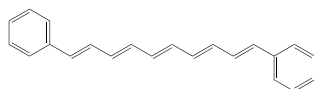
(1E,3E,5E,7E)-1,8-Diphenylocta-1,3,5,7-tetraene

CAS No. : 3029-40-1  
 Grade : >99%  
 Formula :  $C_{20}H_{18}$   
 M.W. : 258.36 g/mole

**LT-S9130** | Dp-pentaene

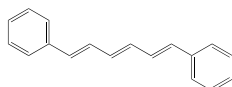
(1E,3E,5E,7E,9E)-1,10-Diphenyldeca-1,3,5,7,9-pentaene

CAS No. : 3029-41-2  
 Grade : >99%  
 Formula :  $C_{22}H_{20}$   
 M.W. : 284.39 g/mole

**LT-S9131** | Dp-triene

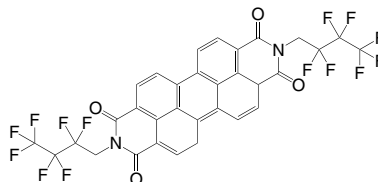
(1E,3E,5E)-1,6-Diphenylhexa-1,3,5-triene

CAS No. : 1720-32-7  
 Grade : >99%  
 Formula :  $C_{18}H_{16}$   
 M.W. : 232.32 g/mole

**LT-S9132** | PTCPI-CH<sub>2</sub>C<sub>3</sub>F<sub>7</sub>

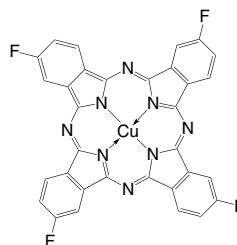
N,N'-Bis(2,2,3,3,4,4,4-heptafluorobutyl)-3,4,9,10-perylene dicarboximide

CAS No. : 1150578-28-1  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{12}F_{14}N_2O_4$   
 M.W. : 756.44 g/mole  
 TGA : >300 °C (0.5% weight loss)

**LT-S9134** | F<sub>4</sub>CuPC

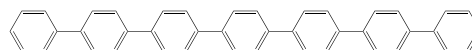
Copper(II)-2,9,16,23-tetrafluoro-29H,31H-phthalocyanine

CAS No. : 65602-84-8  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{12}CuF_4N_8$   
 M.W. : 648.03 g/mole  
 TGA : >350 °C (0.5% weight loss)

**LT-S9159** | p-Septiphenyl

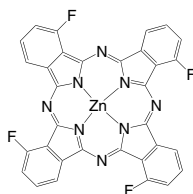
p-Septiphenyl

CAS No. : 70352-20-4  
 Grade : >99%  
 Formula :  $C_{42}H_{30}$   
 M.W. : 534.69 g/mole  
 TGA : >280 °C (0.5% weight loss)

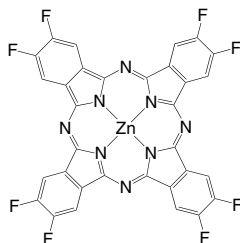


**LT-S9171** | F<sub>4</sub>ZnPCZinc(II)-1,8,15,22-tetrafluoro-29*H*,31*H*-phthalocyanine, mixture of isomers

CAS No. : 1120355-28-3  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>12</sub>F<sub>4</sub>N<sub>8</sub>Zn  
 M.W. : 649.89 g/mole  
 UV : 681 nm (in CHCl<sub>3</sub>)  
 TGA : >300 °C (0.5% weight loss)

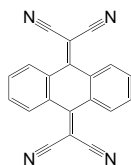
**LT-S9172** | F<sub>8</sub>ZnPCZinc(II)-2,3,9,10,16,17,23,24-octafluoro-29*H*,31*H*-phthalocyanine

CAS No. : 676519-80-5  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>8</sub>F<sub>8</sub>N<sub>8</sub>Zn  
 M.W. : 721.86 g/mole  
 UV : 338, 656 nm (in DMF)  
 TGA : >300 °C (0.5% weight loss)

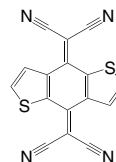
**LT-S9173** | An-PDN

2,2'-(9,10-Anthracenediylidene)-bis-propanedinitrile

CAS No. : 70359-39-6  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>20</sub>H<sub>8</sub>N<sub>4</sub>  
 M.W. : 304.3 g/mole  
 UV : 283, 348 nm (in CHCl<sub>3</sub>)  
 TGA : >250 °C (0.5% weight loss)

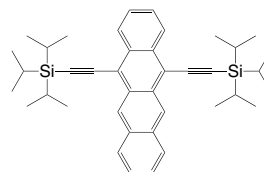
**LT-S9174** | DTTCNQ2,2'-Benzo[1,2-*b*:4,5-*b'*]dithiophene-4,8-diylidene-bis-propanedinitrile

CAS No. : 109573-90-2  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>16</sub>H<sub>4</sub>N<sub>4</sub>S<sub>2</sub>  
 M.W. : 316.36 g/mole  
 UV : 231, 438 nm (in CHCl<sub>3</sub>)  
 TGA : >250 °C (0.5% weight loss)

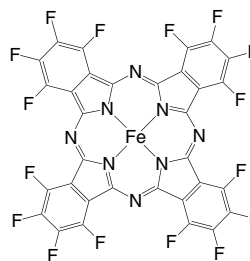
**LT-S9175** | 5,12-TIPS-Tetracene

5,12-Bis((triisopropylsilyl)ethynyl)tetracene

CAS No. : 628316-50-7  
 Grade : >99% (NMR)  
 Formula : C<sub>40</sub>H<sub>52</sub>Si<sub>2</sub>  
 M.W. : 589.01 g/mole  
 UV : 389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >250 °C (0.5% weight loss)

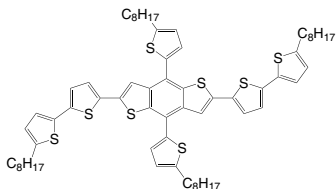
**LT-S9177** | F<sub>16</sub>FePCIron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29*H*,31*H*-phthalocyanine

CAS No. : 23844-93-1  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>F<sub>16</sub>FeN<sub>8</sub>  
 M.W. : 856.22 g/mole  
 UV : 333, 627 nm (in Acetone)  
 TGA : >300 °C (0.5% weight loss)

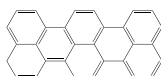


**LT-S9179** | BDT2TH2,6-Bis[(5'-octyl)[2,2'-bithiophene]][4,8-bis(5-octyl-2-thienyl)benzo[1,2-*b*,4,5-*b'*]dithiophene]

Grade : >99% (NMR)  
 Formula : C<sub>66</sub>H<sub>82</sub>S<sub>8</sub>  
 M.W. : 1131.88 g/mole  
 UV : 249, 359, 442 nm (in CHCl<sub>3</sub>)

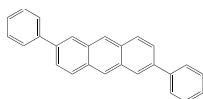
**LT-S9211** | DTT-8Tribenzo[*de,kl,rst*]pentaphene

CAS No. : 188-72-7  
 Grade : >98% (NMR)  
 Formula : C<sub>30</sub>H<sub>16</sub>  
 M.W. : 376.45 g/mole

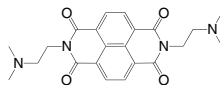
**LT-S9213** | DPA

2,6-Diphenylanthracene

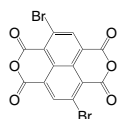
CAS No. : 95950-70-2  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>26</sub>H<sub>18</sub>  
 M.W. : 330.42 g/mole  
 TGA : >200 °C (0.5% weight loss)

**LT-S9259**2,7-Bis(2-(dimethylamino)ethyl)benzo[*mn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

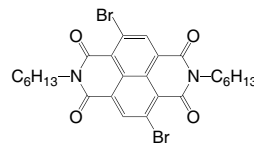
CAS No. : 22291-04-9  
 Grade : Sublimed >99% (HPLC)  
 Formula : C<sub>22</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. : 408.45 g/mole

**LT-S9260**4,9-Dibromo-isochromeno[6,5,4-*def*]isochromene-1,3,6,8-tetraone

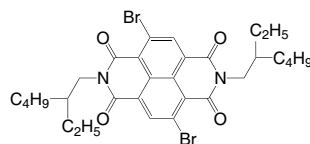
CAS No. : 83204-68-6  
 Grade : >80%  
 Formula : C<sub>14</sub>H<sub>2</sub>Br<sub>2</sub>O<sub>6</sub>  
 M.W. : 425.97 g/mole

**LT-S9261**4,9-Dibromo-2,7-dihexylbenzo[*mn*][3,8]phenanthroline-1,3,6,8-tetraone

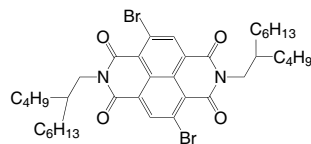
CAS No. : 1239327-73-1  
 Formula : C<sub>26</sub>H<sub>28</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 592.32 g/mole

**LT-S9262**4,9-Dibromo-2,7-bis(2-ethylhexyl)benzo[*mn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

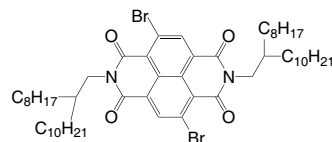
CAS No. : 1088205-02-0  
 Formula : C<sub>30</sub>H<sub>36</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 648.43 g/mole

**LT-S9263**4,9-Dibromo-2,7-bis(2-butylloctyl)benzo[*mn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAS No. : 1614253-96-1  
 Formula : C<sub>38</sub>H<sub>52</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 760.64 g/mole

**LT-S9264**4,9-Dibromo-2,7-bis(2-octylododecyl)benzo[*mn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAS No. : 1100243-35-3  
 Formula : C<sub>54</sub>H<sub>84</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 985.06 g/mole

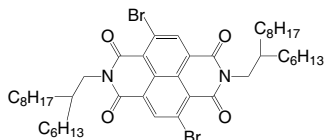




## LT-S9265

4,9-Dibromo-2,7-bis(2-hexyldecyl)benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

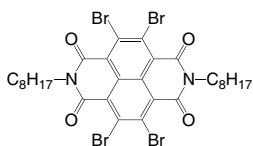
CAS No. : 1459168-68-3  
Grade : >98% (HPLC)  
Formula :  $C_{46}H_{68}Br_2N_2O_4$   
M.W. : 872.85 g/mole



## LT-S9267

4,5,9,10-Tetrabromo-2,7-dioctylbenzo[*mn*][3,8]phenanthroline-1,3,6,8-tetraone

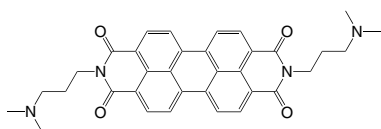
CAS No. : 954374-43-7  
Formula :  $C_{30}H_{34}Br_4N_2O_4$   
M.W. : 806.22 g/mole



## LT-S9268 PDIN

2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

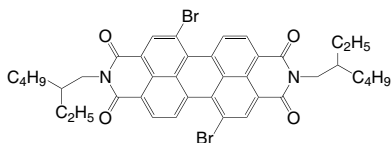
CAS No. : 117901-97-0  
Formula :  $C_{34}H_{32}N_4O_4$   
M.W. : 560.64 g/mole  
HOMO : -6.05 eV  
LUMO : -3.72 eV



## LT-S9269

5,12-Dibromo-2,9-bis(2-ethylhexyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

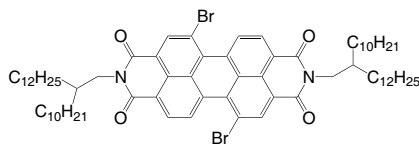
CAS No. : 851786-15-7  
Formula :  $C_{40}H_{40}Br_2N_2O_4$   
M.W. : 772.56 g/mole



## LT-S9270

5,12-Dibromo-2,9-bis(2-decyltetradecyl)anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

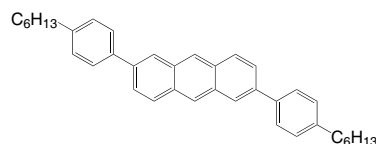
CAS No. : 909019-78-9  
Formula :  $C_{72}H_{104}Br_2N_2O_4$   
M.W. : 1221.42 g/mole



## LT-S9285 C6-DPA

2,6-Bis(4-hexylphenyl)anthracene

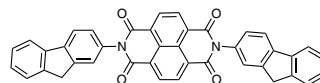
CAS No. : 1258209-99-2  
Grade : Sublimed >99%  
Formula :  $C_{38}H_{42}$   
M.W. : 498.74 g/mole  
TGA : >260 °C (0.5% weight loss)



## LT-S9500 Bis-HFI-NTCDI

2,7-Di(9*H*-fluoren-2-yl)benzo[*lmn*][3,8]-phenanthroline-1,3,6,8(2*H*,7*H*)-tetraone

CAS No. : 1397188-84-9  
Grade : Sublimed >99%  
Formula :  $C_{40}H_{22}N_2O_4$   
M.W. : 594.61 g/mole  
TGA : >450 °C (0.5% weight loss)  
EA : 3.5 eV  
Conductivity :  $1.3 \times 10^{-4}$  S/cm



NEW

## LT-S9538 | cis-cis TFT-CN and cis-trans TFT-CN

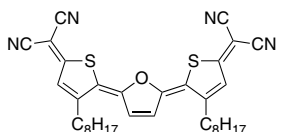
2,2'-(5Z,5'Z)-5,5'-(furan-2,5-diylidene)bis(4-octylthiophene-5,2(5H)-diylidene)dimalononitrile, mixture of isomers

CAS No. : 1938123-97-7 and 1938123-98-8

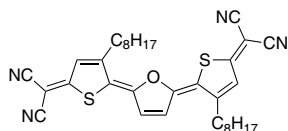
Grade : &gt;98% (HPLC)

Formula :  $C_{34}H_{38}N_4OS_2$ 

M.W. : 582.82 g/mole



+



## LT-S9540 | TIPS anti DNI

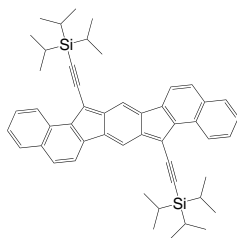
8,16-Bis((triisopropylsilyl)ethynyl)benzo[a]benzo[4,5]-indeno[2,1-h]fluorine

CAS No. : 2080320-19-8

Grade : &gt;99% (HPLC)

Formula :  $C_{50}H_{56}Si_2$ 

M.W. : 713.15 g/mole

Hole Mobility :  $7.1 \text{ cm}^2 / \text{Vs}$ 

## LT-S9541 | C13-BTBT

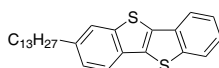
2-Tridecyl-[1]benzothieno[3,2-b][1]benzothiophene

CAS No. : 1198290-20-8

Grade : Sublimed &gt;99% (HPLC)

Formula :  $C_{27}H_{34}S_2$ 

M.W. : 422.69 g/mole



## LT-S9548 | BPE-PMDI

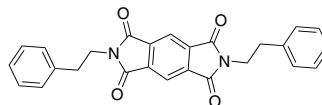
NEW

2,6-diphenethylpyrrolo[3,4-f]isoindole-1,3,5,7(2H,6H)-tetraone

Grade : Sublimed &gt;99%

Formula :  $C_{26}H_{20}N_2O_4$ 

M.W. : 424.45 g/mole



## LT-S9549 | C8-PMDI

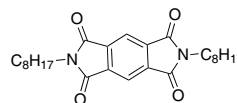
NEW

2,6-Dioctylpyrrolo[3,4-f]isoindole-1,3,5,7(2H,6H)-tetraone

Grade : Sublimed &gt;99% (HPLC)

Formula :  $C_{26}H_{36}N_2O_4$ 

M.W. : 440.58 g/mole



## LT-S9551 | NTDA-C16H33

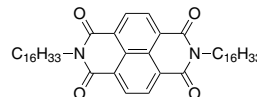
NEW

2,7-Dihexadecylbenzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone

Grade : Sublimed &gt;99% (HPLC)

Formula :  $C_{46}H_{70}N_2O_4$ 

M.W. : 715.06 g/mole



## LT-S9552 | TIPS-anthracene

NEW

9,10-Bis((triisopropylsilyl)ethynyl)anthracene

CAS No. : 862667-06-9

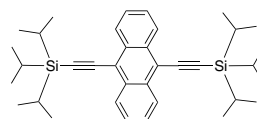
Grade : &gt;99% (HPLC)

Formula :  $C_{36}H_{50}Si_2$ 

M.W. : 538.95 g/mole

HOMO : -5.6 eV

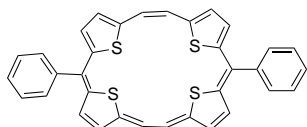
LUMO : -2.9 eV



## LT-S9553 | DPTTA

2,13-Diphenyl-23,24,25,26-tetrahiapentacyclo-[1,8,2,1,13,6,19,12,14,17]hexacosia-1,3,5,7,9,11,13,15,17,19,21-undecaene

CAS No. : 1265748-61-5  
 Grade : >99%  
 Formula :  $C_{34}H_{22}S_4$   
 M.W. : 558.80 g/mole  
 UV : 319, 401 nm (Toluene)  
 HOMO : -4.42 eV  
 LUMO : -2.51 eV

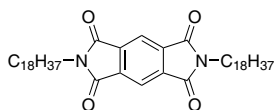


## LT-S9554 | C18-PMDI

NEW

2,6-Dioctadecylpyrrolo[3,4-f]isoindole-1,3,5,7(2H,6H)-tetraone

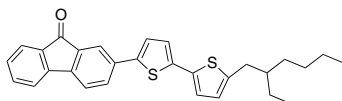
Grade : Sublimed >99%  
 Formula :  $C_{46}H_{76}N_2O_4$   
 M.W. : 721.11 g/mole



## LT-S9561

2-(5'-(2-Ethylhexyl)-[2,2'-bithiophen]-5-yl)-9H-fluoren-9-one

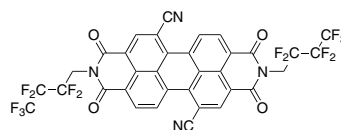
CAS No. : 2499491-20-0  
 Grade : >99%  
 Formula :  $C_{29}H_{28}OS_2$   
 M.W. : 456.66 g/mole  
 UV : 252, 302 nm ( $CHCl_3$ )  
 HOMO : -5.17 eV  
 LUMO : -2.89 eV



## LT-S9579 | PDIF-CN2

2,9-Bis(2,2,3,3,4,4,4-heptafluorobutyl)-1,3,8,10-tetraoxo-1,2,3,8,9,10-hexahydroanthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-5,12-Dicarbonitrile, mixture of isomers

CAS No. : 844868-47-9  
 Grade : Sublimed >97%  
 Formula :  $C_{34}H_{10}F_{14}N_4O_4$   
 M.W. : 804.45 g/mole  
 HOMO : -6.8 eV  
 LUMO : -4.50 eV

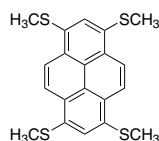


## LT-S9580 | MT-pyrene

NEW

1,3,6,8-Tetrakis(methylthio)pyrene

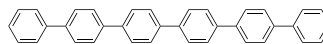
Grade : Sublimed >99%  
 Formula :  $C_{20}H_{18}S_4$   
 M.W. : 386.62 g/mole



## LT-S9586 | p-6P

p-Sexiphenyl

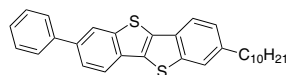
CAS No. : 4499-83-6  
 Grade : Sublimed >99%  
 Formula :  $C_{36}H_{26}$   
 M.W. : 458.59 g/mole  
 HOMO : -5.6 eV  
 LUMO : -1.8 eV



## LT-S9587 | Ph-BTBT-10

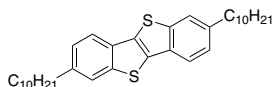
2-Decyl-7-phenyl[1]benzothieno[3,2-b][1]benzothiophene

CAS No. : 1398395-83-9  
 Grade : Sublimed >99% (HPLC)  
 Formula :  $C_{30}H_{32}S_2$   
 M.W. : 456.71 g/mole

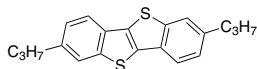


**LT-S9592** | C10-BTBT2,7-Didecyl[1]benzothieno[3,2-*b*][1]benzothiophene

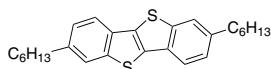
CAS No. : 583050-71-9  
 Grade : Sublimed > 99% (HPLC)  
 Formula : C<sub>34</sub>H<sub>48</sub>S<sub>2</sub>  
 M.W. : 520.87 g/mole

**LT-S9593** | C3-BTBT2,7-Dipropyl-4*b*,9*b*-dihydrobenzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

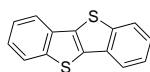
CAS No. : 1198290-38-8  
 Grade : Sublimed > 99%  
 Formula : C<sub>20</sub>H<sub>26</sub>S<sub>2</sub>  
 M.W. : 324.5 g/mole

**LT-S9594** | C6-BTBT2,7-Dihexyl-4*b*,9*b*-dihydrobenzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

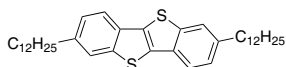
CAS No. : 583050-69-5  
 Grade : Sublimed > 99% (HPLC)  
 Formula : C<sub>26</sub>H<sub>32</sub>S<sub>2</sub>  
 M.W. : 408.66 g/mole

**LT-S9595** | BTBTBenzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

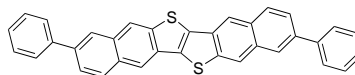
CAS No. : 248-70-4  
 Grade : Sublimed > 99% (HPLC)  
 Formula : C<sub>14</sub>H<sub>8</sub>S<sub>2</sub>  
 M.W. : 240.34 g/mole

**LT-S9596** | C12-BTBT2,7-Didodecylbenzo[*b*]benzo[4,5]thieno[2,3-*d*]thiophene

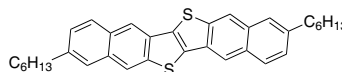
CAS No. : 473723-54-5  
 Grade : Sublimed > 99%  
 Formula : C<sub>38</sub>H<sub>56</sub>S<sub>2</sub>  
 M.W. : 576.98 g/mole

**LT-S9597** | DPh-DNTT2,9-Diphenyl-dinaphtho[2,3-*b*:2',3'-*f*]thieno[3,2-*b*]thiophene

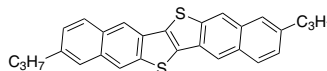
CAS No. : 1310198-13-0  
 Grade : Sublimed > 99%  
 Formula : C<sub>34</sub>H<sub>20</sub>S<sub>2</sub>  
 M.W. : 492.65 g/mole

**LT-S9598** | C6-DNTT2,9-Dihexylnaphtho[2,3-*b*]naphtho[2',3':4,5]thieno[2,3-*d*]thiophene

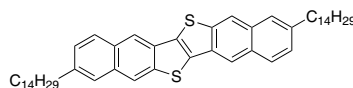
CAS No. : 1242239-89-9  
 Grade : Sublimed > 99%  
 Formula : C<sub>34</sub>H<sub>36</sub>S<sub>2</sub>  
 M.W. : 508.78 g/mole

**LT-S9599** | C3-DNTT2,9-Dipropylnaphtho[2,3-*b*]naphtho[2',3':4,5]-thieno[2,3-*d*]thiophene

CAS No. : 1242239-91-3  
 Grade : Sublimed > 99%  
 Formula : C<sub>28</sub>H<sub>24</sub>S<sub>2</sub>  
 M.W. : 424.62 g/mole

**LT-S9600** | C14-DNTT2,9-Ditetradecylnaphtho[2,3-*b*]naphtho[2',3':4,5]thieno[2,3-*d*]thiophene

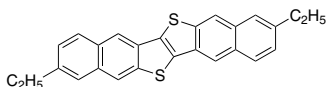
Grade : Sublimed > 99%  
 Formula : C<sub>50</sub>H<sub>68</sub>S<sub>2</sub>  
 M.W. : 733.2 g/mole



## LT-S9601 | C2-DNTT

2,9-Diethylnaphtho[2,3-*b*]naphtho[2',3':4,5]thieno[2,3-*d*]thiophene

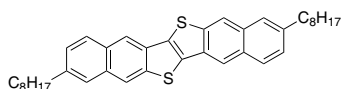
Grade : Sublimed > 99%  
 Formula :  $C_{26}H_{20}S_2$   
 M.W. : 396.57 g/mole



## LT-S9602 | C8-DNTT

2,9-Dioctylnaphtho[2,3-*b*]naphtho[2',3':4,5]thieno[2,3-*d*]thiophene

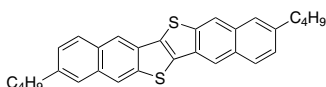
Grade : Sublimed > 99% (HPLC)  
 Formula :  $C_{38}H_{44}S_2$   
 M.W. : 564.89 g/mole



## LT-S9603 | C4-DNTT

2,9-Dibutyl-naphtho[2,3-*b*]naphtho[2',3':4,5]thieno[2,3-*d*]thiophene

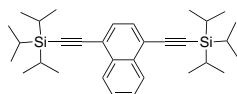
Grade : Sublimed > 99% (HPLC)  
 Formula :  $C_{30}H_{28}S_2$   
 M.W. : 452.67 g/mole



## LT-S9604 | TIPS-Nph

1,4-Bis((triisopropylsilyl)ethynyl)<sub>n</sub>aphthalene

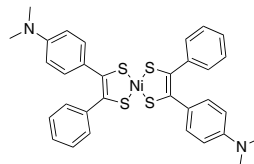
CAS No : 2499713-87-8  
 Grade : > 99%  
 Formula :  $C_{32}H_{48}Si_2$   
 M.W. : 488.89 g/mole  
 UV : 333 nm (in Toluene)  
 PL : 588 nm (in Toluene)



## LT-S9605 | BDN

Bis[1-(4-dimethylamino)phenyl-2-phenyl-1,2-ethenedithiolato]nickel(II)

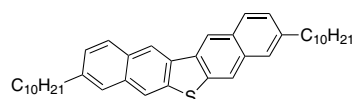
CAS No. : 38465-55-3  
 Grade : > 98%  
 Formula :  $C_{32}H_{30}N_2NiS_4$   
 M.W. : 629.55 g/mole



## LT-S9621 | C10-DNT

3,9-Didecyldinaphtho[2,3-*b*:2',3'-*d*]thiophene

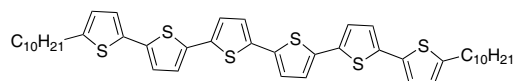
CAS No. : 1451918-60-7  
 Grade : Sublimed > 99%  
 Formula :  $C_{40}H_{52}S$   
 M.W. : 564.91 g/mole



## LT-S9622 | C10-6T

5,5''''-Didecyl-2,2':5',2'':5'',2''':5''',2''''-sexithiophene

Grade : Sublimed > 99%  
 Formula :  $C_{44}H_{54}S_6$   
 M.W. : 775.29 g/mole

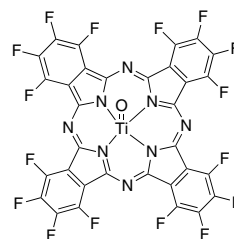


## LT-S9624 | F16TiOPc

**NEW**

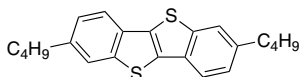
Titanium oxide-1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro phthalocyanine

CAS No. : 115537-98-9  
 Grade : Sublimed > 99%  
 Formula :  $C_{32}F_{16}N_8OTi$   
 M.W. : 864.24 g/mole

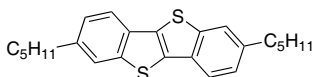


**LT-S9629** | C4-BTBT2,7-Dibutyl[1]benzothieno[3,2-*b*]benzothiophene

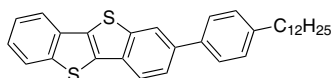
CAS No. : 1198290-40-2  
 Grade : Sublimed >99%  
 Formula : C<sub>22</sub>H<sub>24</sub>S<sub>2</sub>  
 M.W. : 352.56 g/mole

**LT-S9630** | C5-BTBT2,7-Dipentyl[1]benzothieno[3,2-*b*]benzothiophene

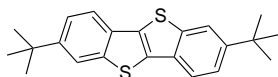
CAS No. : 1003601-76-0  
 Grade : Sublimed >99%  
 Formula : C<sub>24</sub>H<sub>28</sub>S<sub>2</sub>  
 M.W. : 380.61 g/mole

**LT-S9631** | C12-Ph-BTBT2-(4-Dodecylphenyl) [1]benzothieno[3,2-*b*]benzothiophene

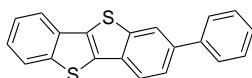
CAS No. : 1398395-77-1  
 Grade : Sublimed >99%  
 Formula : C<sub>32</sub>H<sub>36</sub>S<sub>2</sub>  
 M.W. : 484.76 g/mole

**LT-S9632** | ditBu-BTBT2,7-Di-tert-butyl-[1]benzothieno[3,2-*b*]benzothiophene

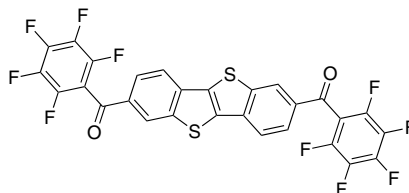
CAS No. : 1198290-42-4  
 Grade : Sublimed >99%  
 Formula : C<sub>22</sub>H<sub>24</sub>S<sub>2</sub>  
 M.W. : 352.56 g/mole

**LT-S9633** | Ph-BTBT2-Phenyl[1]benzothieno[3,2-*b*]benzothiophene

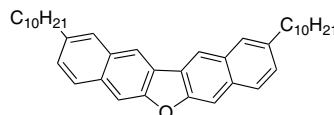
CAS No. : 1801421-69-1  
 Grade : Sublimed >99%  
 Formula : C<sub>20</sub>H<sub>12</sub>S<sub>2</sub>  
 M.W. : 316.44 g/mole

**LT-S9634** | D(PhFCO)-BTBT2,7-Diylbis((perfluorophenyl)methanone)[1]benzothieno[3,2-*b*]benzothiophene

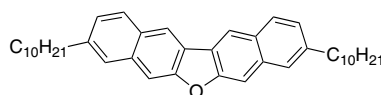
CAS No. : 2366264-40-4  
 Grade : Sublimed >99%  
 Formula : C<sub>28</sub>H<sub>6</sub>F<sub>10</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. : 628.46 g/mole

**LT-S9635** | C10-DNF-VV2,10-Didecyldinaphtho[2,3-*b*:2',3'-*d*]furan

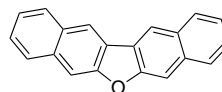
CAS No. : 1451918-45-8  
 Grade : Sublimed >99%  
 Formula : C<sub>40</sub>H<sub>52</sub>O  
 M.W. : 548.84 g/mole

**LT-S9636** | C10-DNF-VW3,9-Didecyldinaphtho[2,3-*b*:2',3'-*d*]furan

CAS No. : 1451918-51-6  
 Grade : Sublimed >99%  
 Formula : C<sub>40</sub>H<sub>52</sub>O  
 M.W. : 548.84 g/mole

**LT-S9637** | DNF-VDinaphtho[2,3-*b*:2',3'-*d*]furan

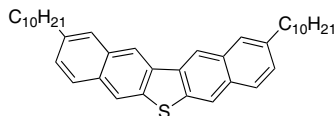
CAS No. : 242-51-3  
 Grade : Sublimed >99%  
 Formula : C<sub>20</sub>H<sub>12</sub>O  
 M.W. : 268.31 g/mole



**LT-S9638** | C10-DNT-VV

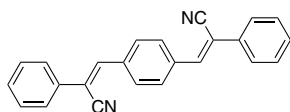
2,10-Didecyldinaphtho[2,3-b:2',3'-d]thiophene

CAS No. : 1451918-48-1  
 Grade : Sublimed >99%  
 Formula : C<sub>40</sub>H<sub>52</sub>S  
 M.W. : 564.91 g/mole

**LT-S9640** | CNDSB**NEW**

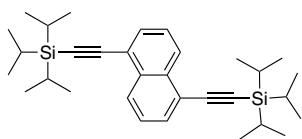
(2Z,2'Z)-3,3'-(1,4-phenylene)bis(2-phenylacrylonitrile)

CAS No : 58393-80-9  
 Grade : >99%  
 Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
 M.W. : 332.4 g/mole

**LT-S9641** | 1,5-DTNA

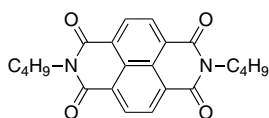
1,5-Bis((triisopropylsilyl)ethynyl)naphthalene

CAS No : 2762325-17-5  
 Grade : >99%  
 Formula : C<sub>32</sub>H<sub>48</sub>Si<sub>2</sub>  
 M.W. : 488.89 g/mole  
 UV : 326 nm (in Toluene)  
 PL : 554 nm (in Toluene)

**LT-S9642** | NTDA-C4H9**NEW**

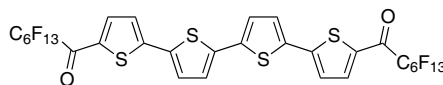
2,7-Dibutylbenzo[Imn][3,8]phenanthroline-1,3,6,8(2H,7H)-tetraone

Grade : Sublimed >99%  
 Formula : C<sub>22</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 378.42 g/mole

**LT-S9655** | DFHCO-4T**NEW**

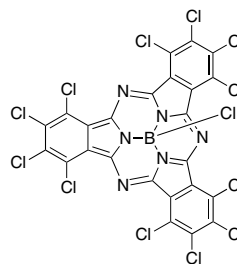
5,5"-Diperfluorohexylcarbonyl-2,2':5'2'':5'',2''-quaterthiophene

CAS No. : 796994-57-5  
 Grade : Sublimed >99%  
 Formula : C<sub>30</sub>H<sub>8</sub>F<sub>26</sub>O<sub>2</sub>S<sub>4</sub>  
 M.W. : 1022.6 g/mole

**LT-S9656** | Cl12BsubPc**NEW**

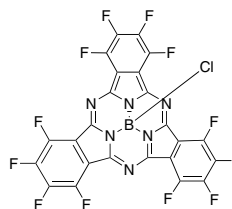
Dodecachloro subphthalocyanatoboron(III) chloride

CAS No : 163616-01-1  
 Grade : >95%  
 Formula : C<sub>24</sub>BCl<sub>13</sub>N<sub>6</sub>  
 M.W. : 844 g/mole

**LT-S9657** | F12BsubPc**NEW**

Dodecafluoro subphthalocyanatoboron(III) chloride

CAS No : 142710-55-2  
 Grade : >95%  
 Formula : C<sub>24</sub>BClF<sub>12</sub>N<sub>6</sub>  
 M.W. : 646.54 g/mole

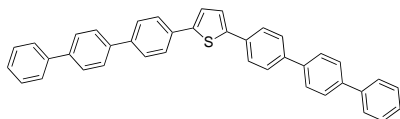


## LT-S9663

NEW

2,5-Bis[4-(4-phenylphenyl)phenyl]thiophene

CAS No. :1257544-69-6  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>28</sub>S  
 M.W. :540.72 g/mole

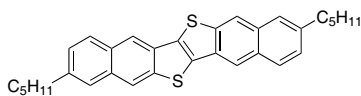


## LT-S9664 C5-DNTT

NEW

2,9-Dipentylnaphtho[2,3-b]naphtho[2',3':4,5]thieno[2,3-d]thiophene

Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>32</sub>S<sub>2</sub>  
 M.W. :480.73 g/mole

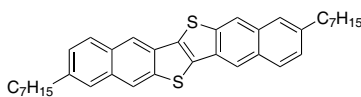


## LT-S9665 C7-DNTT

NEW

2,9-Diheptylnaphtho[2,3-b]naphtho[2',3':4,5]thieno[2,3-d]thiophene

Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>40</sub>S<sub>2</sub>  
 M.W. :536.83 g/mole

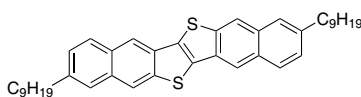


## LT-S9666 C9-DNTT

NEW

2,9-Dinonylnaphtho[2,3-b]naphtho[2',3':4,5]thieno[2,3-d]thiophene

Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>48</sub>S<sub>2</sub>  
 M.W. :592.94 g/mole

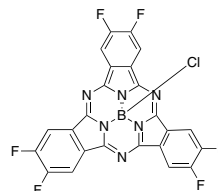


## LT-S9668 F6-SubPC-Cl

NEW

Hexafluoro boron subphthalocyanine chloride

Grade :>95%  
 Formula :C<sub>24</sub>H<sub>6</sub>BClF<sub>6</sub>N<sub>6</sub>  
 UV :552 nm M.W. :538.6 g/mole  
 HOMO :-5.8 eV  
 LUMO :-3.6 eV  
 Solvent :DCM

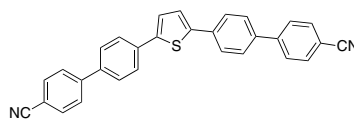


## LT-S9669 BP1T-CN

NEW

2,5-Bis(4'-cyanobiphenyl-4-yl)thiophene

CAS No. :868403-91-2  
 Grade :Sublimed >99%  
 Formula :C<sub>30</sub>H<sub>18</sub>N<sub>2</sub>S  
 M.W. :438.54 g/mole

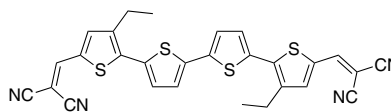


## LT-S9681 DCV4T-Et2

NEW

2,2'-((3,3''-Diethyl-[2,2':5',2'':5'']-quaterthiophene)-5,5'''-diyl)bis(methanylylidene)dimalononitrile

CAS No :1449383-43-0  
 Grade :Sublimed >95%  
 Formula :C<sub>28</sub>H<sub>18</sub>N<sub>4</sub>S<sub>4</sub>  
 M.W. :538.73 g/mole





## LT-S9684

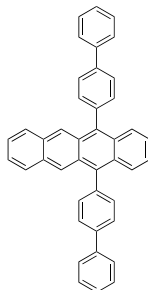
NEW

5,12-Di([1,1'-biphenyl]-4-yl)-naphthalene

CAS No :272459-50-4

Formula :C<sub>42</sub>H<sub>28</sub>

M.W. :532.67 g/mole



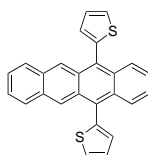
## LT-S9685

NEW

5,12-Di(thiophen-2-yl)tetracene

Formula :C<sub>26</sub>H<sub>16</sub>S<sub>2</sub>

M.W. :392.54 g/mole



## LT-S9686

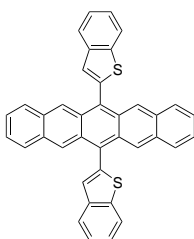
NEW

6,13-bis(benzo[b]thiophen-2-yl)pentacene

Grade :Sublimed &gt;98%

Formula :C<sub>38</sub>H<sub>22</sub>S<sub>2</sub>

M.W. :542.71 g/mole



## LT-S9687

NEW

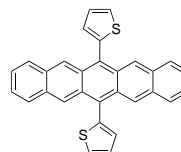
6,13-Di(2'-thienyl)pentacene

CAS No :849466-79-1

Grade :Sublimed &gt;98%(NMR)

Formula :C<sub>30</sub>H<sub>18</sub>S<sub>2</sub>

M.W. :442.59 g/mole



## LT-S9688

TBA-An

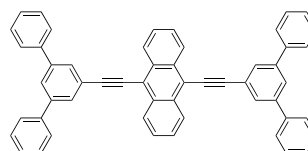
NEW

9,10-Bis([1,3'-diphenyl]-5'-phenylethynyl)anthracene

Grade :&gt;99%

Formula :C<sub>54</sub>H<sub>34</sub>

M.W. :682.85 g/mole



## LT-S9689

3PV-CF3

NEW

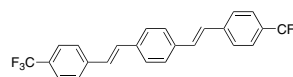
1,4-Bis[4-(trifluoromethyl)styryl]benzene

CAS No :955092-98-5

Grade :&gt;99%

Formula :C<sub>24</sub>H<sub>16</sub>F<sub>6</sub>

M.W. :418.37 g/mole



## LT-S9697

F-F12BsubPc

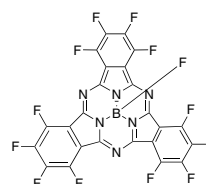
NEW

Dodecafluoro subphthalocyanatoboron(III) fluoride

Grade :&gt;95%

Formula :C<sub>24</sub>BF<sub>13</sub>N<sub>6</sub>

M.W. :630.09 g/mole



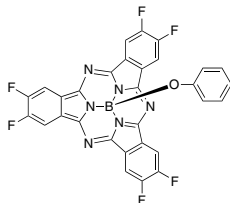
**LT-S9698** | PhO-F6BsubPc **NEW**

Phenoxy-hexafluoro boronsubphthalocyanine

Grade : &gt; 98%

Formula :  $C_{30}H_{11}BF_6N_6O$ 

M.W. : 596.25 g/mole

**LT-S9699** | PhO-BsubPc **NEW**

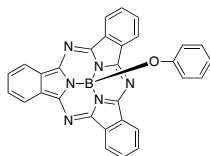
Phenoxysubphthalocyaninaboron

CAS No : 182575-04-8

Grade : &gt; 98%

Formula :  $C_{30}H_{17}BN_6O$ 

M.W. : 488.31 g/mole

**LT-S9700** | PhO-F12BsubPc **NEW**

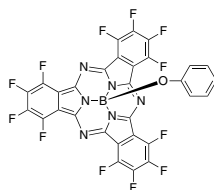
Phenoxydodecafluoro subphthalocyaninaboron

CAS No : 464933-03-7

Grade : &gt; 98%

Formula :  $C_{30}H_5BF_{12}N_6O$ 

M.W. : 704.19 g/mole

**LT-S9701** | F5PhO-F12BsubPc **NEW**

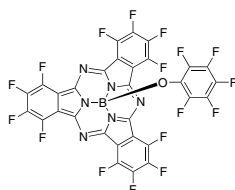
Pentafluorophenoxy-Dodecafluorosubphthalocyanato boron

CAS No : 1235758-94-7

Grade : &gt; 98%

Formula :  $C_{30}BF_{17}N_6O$ 

M.W. : 794.14 g/mole

**LT-S9702** | PhO-Cl12BsubPc **NEW**

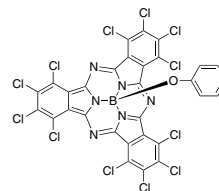
Phenoxy-dodecachloroboronsubphthalocyanine

CAS No : 1309389-84-1

Grade : &gt; 98%

Formula :  $C_{30}H_5BCl_{12}N_6O$ 

M.W. : 901.65 g/mole

**LT-S9703** | F5PhO-Cl6BsubPc **NEW**

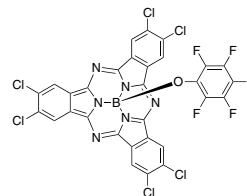
Pentafluorophenoxy-hexachloroboronsubphthalocyanine

CAS No : 1309391-30-7

Grade : &gt; 98%

Formula :  $C_{30}H_5BCl_6F_5N_6O$ 

M.W. : 784.93 g/mole

**LT-S9704** | F5PhO-F6BsubPc **NEW**

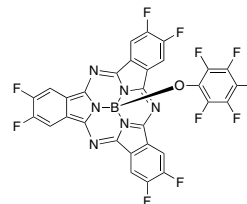
Pentafluorophenoxy-hexafluoroboronsubphthalocyanine

CAS No : 1680181-01-4

Grade : &gt; 98%

Formula :  $C_{30}H_6BF_{11}N_6O$ 

M.W. : 686.2 g/mole



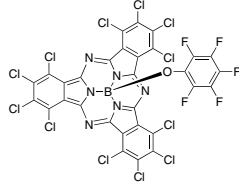
**LT-S9705** | F5PhO-Cl12BsubPc **NEW**

Pentafluorophenoxy-dodecachloroboronsubphthalocyanine

Grade : &gt; 98%

Formula :  $C_{30}BCl_{12}F_5N_6O$ 

M.W. : 991.6 g/mole

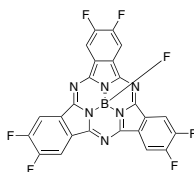
**LT-S9706** | F-F6BsubPc **NEW**

Hexafluoro subphthalocyanatoboron(III) fluoride

Grade : &gt; 95%

Formula :  $C_{24}H_6BF_7N_6$ 

M.W. : 522.14 g/mole

**LT-S9708** | BP1T **NEW**

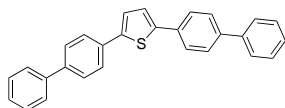
2,5-Bis(4-biphenyl)thiophene

CAS No. : 56316-86-0

Grade : Sublimed &gt; 99%

Formula :  $C_{28}H_{20}S$ 

M.W. : 388.52 g/mole

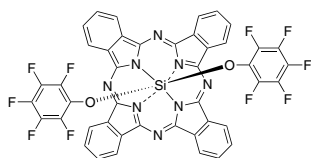
**LT-S9848** | F10-SiPc **NEW**

Bis(pentafluorophenoxy) silicon phthalocyanine

Grade : &gt; 98%

Formula :  $C_{44}H_{16}F_{10}N_8O_2Si$ 

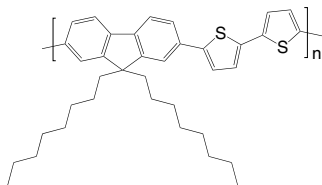
M.W. : 906.72 g/mole



## LT-S979 | F8T2

Poly[(9,9-di-*n*-octylfluorenyl-2,7-diyl)-*alt*-2,2'-bithiophene-5,5'-diyl]

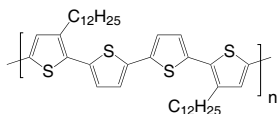
CAS No. : 210347-56-1  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>37</sub>H<sub>44</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 454 nm (in THF)  
 PL : 500 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



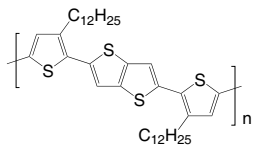
## LT-S980 | PQT-12

Poly[bis(3-dodecyl-2-thienyl)-2,2'-dithiophene-5,5'-diyl]

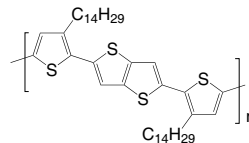
CAS No. : 827343-06-6  
 Grade : Mw = 10,000 ~ 40,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>56</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 473 nm (in Toluene)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S981 | PBTTT-C<sub>12</sub>Poly[2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-*b*]thiophene]

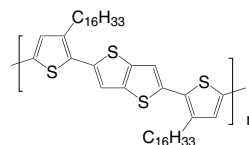
CAS No. : 888491-18-7  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>38</sub>H<sub>54</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 460 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S982 | PBTTT-C<sub>14</sub>Poly[2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-*b*]thiophene]

CAS No. : 888491-19-8  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>42</sub>H<sub>62</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S9060 | PBTTT-C<sub>16</sub>Poly[2,5-bis(3-hexadecylthiophen-2-yl)thieno[3,2-*b*]thiophene]

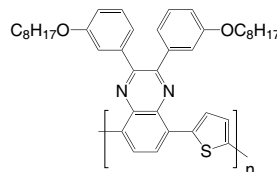
Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>46</sub>H<sub>70</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>



## LT-S9091 | TQ1

Poly[2,3-bis-(3-octyloxyphenyl)quinoxaline-5,8-diyl-*alt*-thiophene-2,5-diyl]

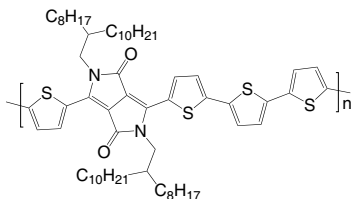
CAS No. : 565228-37-7  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>46</sub>N<sub>2</sub>O<sub>2</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9117 | PDQT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-2,2'-bithiophene-5,5'-diyl)

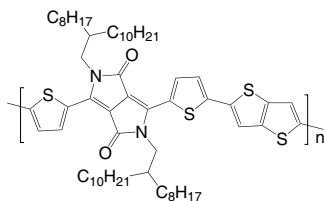
CAS No. : 1267540-03-3  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>90</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9118 | PDBT-co-TT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-thieno[3,2-b]thiophen-2,5-diyl)

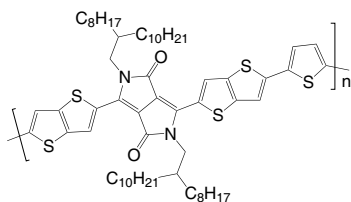
CAS No. : 1260685-65-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>60</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9119 | PDPPBT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiopheno[3,2-b]thiophene-5,5'-diyl-*alt*-thiophen-2,5-diyl)

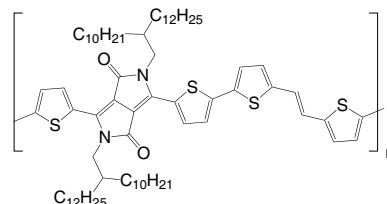
CAS No. : 1270977-98-4  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 812 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9133 | PDVT-10

Poly(3,6-dithiophen-2-yl-2,5-di(2-decyltetradecyl)-pyrrolo[3,4-c]pyrrole-1,4-dione-*alt*-thienylenevinylene-2,5-yl)

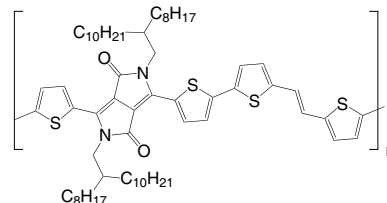
CAS No. : 1442682-99-6  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>72</sub>H<sub>108</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9155 | PDVT-8

Poly(3,6-dithiophen-2-yl-2,5-di(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4-dione-*alt*-thienylenevinylene-2,5-yl)

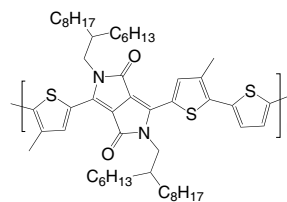
CAS No. : 1403959-01-2  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>64</sub>H<sub>92</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9178 | PMDPP3T

Poly[[2,5-bis(2-hexyldodecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl]-*alt*-[3',3''-dimethyl-2,2':5',2''-terthiophene]-5,5'-diyl]

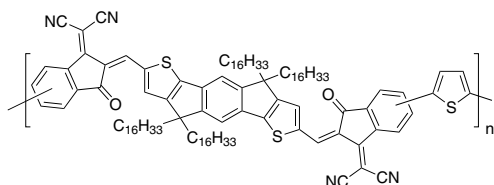
CAS No. : 1429119-71-0  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>76</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9591 | PZ1

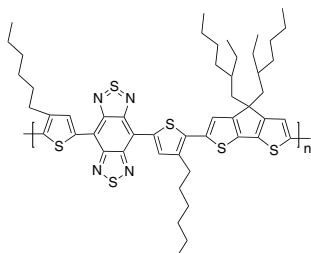
Poly{2,2'-((2Z,2'Z)-((4,4,9,9-tetrahexadecyl-4,9-dihydro-s-indaceno[1,2-b:5,6-b']dithiophene-2,7-diyl)bis(methanylylidene)bis(3-oxo-2,3-dihydro-1H-indene-2,1-diylidene)dimalononitrile-5,5'-diyl-*alt*-thiophen-2,5-diyl)}

CAS No. : 2177247-65-1  
 Grade : Mw > 10000  
 Formula : (C<sub>110</sub>H<sub>146</sub>N<sub>4</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>

LT-S9619 | PBBTCD **NEW**

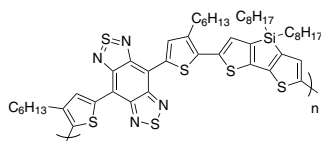
Poly[(4,7-bis(3-hexylthien-2-yl)- 2λ462-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole-*alt*-(3,3-bis(2-ethylhexyl)-4H-cyclopenta[2,1-b:3,4-b']dithiophene)]

CAS No. : 1334032-14-2  
 Grade : Mw > 10,000  
 Formula : (C<sub>51</sub>H<sub>64</sub>N<sub>4</sub>S<sub>6</sub>)<sub>n</sub>

LT-S9620 | PBBTSiD **NEW**

Poly[(4,7-bis(3-hexylthien-2-yl)- 2λ462-benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole-*alt*-(3,3'-di-n-octylsilylene-2,2'-bithiophene)]

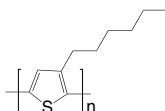
CAS No. : 1334032-16-4  
 Grade : Mw > 10,000  
 Formula : (C<sub>50</sub>H<sub>64</sub>N<sub>4</sub>S<sub>6</sub>Si)<sub>n</sub>



### LT-S909 | P3HT

Poly(3-hexylthiophene-2,5-diyl)

CAS No.	: 110134-47-9 / 104934-50-1
Grade	: Mw >45,000 (GPC); Electronic Grade: Regio Regular >93%
Formula	: $(C_{10}H_{14}S)_n$
UV	: 445 nm (in THF)
PL	: 564 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S911 | PT

Poly(thiophene-2,5-diyl)

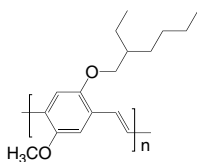
CAS No.	: 25233-34-5
Formula	: $(C_4H_2S)_n$
UV	: 427 nm (in $CH_2Cl_2$ )
PL	: 510 nm (in $CH_2Cl_2$ )



### LT-S931 | MEH-PPV

Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene]

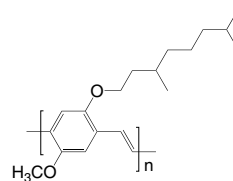
CAS No.	: 138184-36-8
Grade	: Mw >100,000 (GPC)
Formula	: $(C_{17}H_{24}O_2)_n$
UV	: 501 nm (in $CH_2Cl_2$ )
PL	: 502 nm (in $CH_2Cl_2$ )
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S932 | MDMO-PPV

Poly[2-methoxy-5-(3,7-dimethoxyoctyloxy)-1,4-phenylenevinylene]

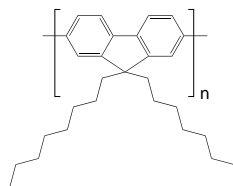
CAS No.	: 177716-59-5
Grade	: Mw >100,000 (GPC)
Formula	: $(C_{19}H_{28}O_2)_n$
UV	: 485 nm (in $CH_2Cl_2$ )
PL	: 555 nm (in $CH_2Cl_2$ )
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S933 | PFO

Poly(9,9-dioctylfluorenyl-2,7-diyl)

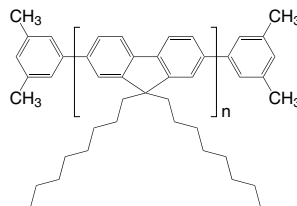
CAS No.	: 123864-00-6
Grade	: Mw =50,000 ~ 150,000 (GPC)
Formula	: $(C_{29}H_{40})_n$
UV	: 376 nm (in THF)
PL	: 426 nm (in THF)
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S934 | PFO-DMP

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

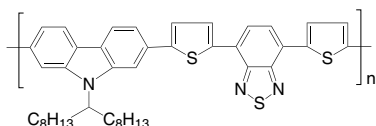
CAS No.	: 874816-14-5
Grade	: Mw =50,000 ~ 150,000 (GPC)
Formula	: $C_{16}H_{18}(C_{29}H_{40})_n$
UV	: 368 nm (in THF)
PL	: 421 nm (in THF)
Solubility	: Soluble in THF, $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S948 | PCDTBT

Poly[*N*-9'-heptadecanyl-2,7-carbazole-*alt*-5,5-(4',7'-di-2-thienyl-2',1',3'-benzothiadiazole)]

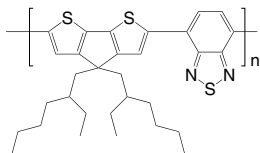
CAS No. : 958261-50-2  
 Grade : Mw = 20,000 ~ 100,000 (GPC)  
 Formula : (C<sub>43</sub>H<sub>47</sub>N<sub>3</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 390, 554 nm (in THF)  
 PL : 639 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>



## LT-S949 | PCPDTBT

Poly[2,6-(4,4-bis-(2-ethylhexyl)-4*H*-cyclopenta[2,1-*b*:3,4-*b'*]-dithiophene)-*alt*-4,7-(2,1,3-benzothiadiazole)]

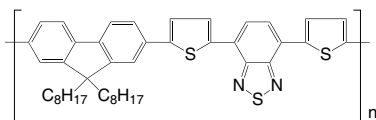
CAS No. : 920515-34-0  
 Grade : Mw = 7,000 ~ 20,000 (GPC)  
 Formula : (C<sub>31</sub>H<sub>38</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 695 nm (in THF)  
 PL : 564 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S950 | PFOBT / PFODBT

Poly[2,7-(9,9-di-octyl-fluorene)-*alt*-4,7-bis(thiophen-2-yl)benzo-2,1,3-thiadiazole]

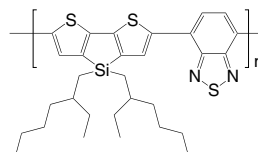
CAS No. : 782469-77-6  
 Grade : Mw = 10,000 ~ 50,000 (GPC)  
 Formula : (C<sub>43</sub>H<sub>46</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 523 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 630 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S951 | PSBTBT

Poly[2,6-(4,4'-bis(2-ethylhexyl)dithieno[3,2-*b*:2',3'-*d'*]silole)-*alt*-4,7-(2,1,3-benzothiadiazole)]

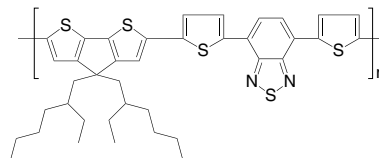
CAS No. : 1089687-02-4  
 Grade : Mw = 10,000 ~ 30,000 (GPC)  
 Formula : (C<sub>30</sub>H<sub>38</sub>N<sub>2</sub>S<sub>3</sub>Si)<sub>n</sub>  
 UV : 652 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S953 | PCPDTTBT

Poly[2,6-(4,4-bis(2-ethylhexyl)-4*H*-cyclopenta-[2,1-*b*:3,4-*b'*]-dithiophene)-*alt*-4,7-bis(thiophen-2-yl)benzo-2,1,3-thiadiazole]

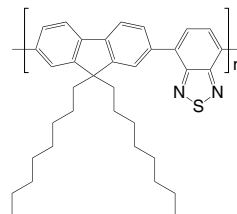
CAS No. : 1035681-83-4  
 Grade : Mw = 8,000 ~ 20,000 (GPC)  
 Formula : (C<sub>39</sub>H<sub>42</sub>N<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 523 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 749 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S957 | F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl)]

CAS No. : 210347-52-7  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>35</sub>H<sub>42</sub>N<sub>2</sub>S)<sub>n</sub>  
 UV : 453 nm (in THF)  
 PL : 534 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

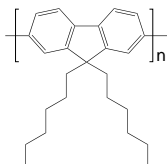




### LT-S958 | PHF

Poly[9,9-dihexylfluorenyl-2,7-diyl]

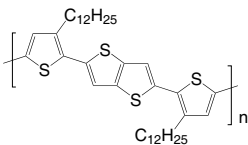
CAS No. : 201807-75-2  
 Grade : Mw = 30,000~100,000 (GPC)  
 Formula :  $(C_{25}H_{32})_n$   
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S981 | PBTTT-C<sub>12</sub>

Poly[2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophene]

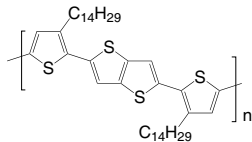
CAS No. : 888491-18-7  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula :  $(C_{38}H_{54}S_4)_n$   
 UV : 460 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in  $CHCl_3$



### LT-S982 | PBTTT-C<sub>14</sub>

Poly[2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene]

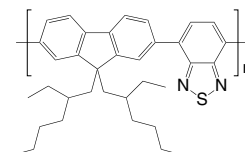
CAS No. : 888491-19-8  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula :  $(C_{42}H_{62}S_4)_n$   
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in  $CHCl_3$



### LT-S9003 | F2EHTB

Poly[(9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl)-*alt*-(benzo[2,1,3]thiadiazol-4,7-diyl)]

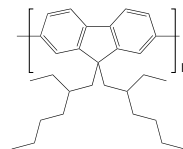
CAS No. : 1379051-13-4  
 Grade : Mw = 10,000 ~ 50,000 (GPC)  
 Formula :  $(C_{35}H_{42}N_2S)_n$   
 UV : 453 nm (in THF)  
 PL : 645 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S9004 | PF2EH

Poly[9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl]

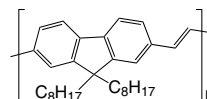
CAS No. : 188201-16-3  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{29}H_{40})_n$   
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-S9006

Poly[(9,9-dioctyl-9H-fluorene-2,7-diyl)-(1E)-1,2-ethene-diyl]

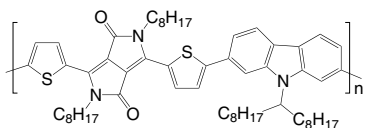
CAS No. : 360068-36-6  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{31}H_{42})_n$   
 UV : 455 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-S9032 | PCBTDPD

Poly[*N*-9'-heptadecanyl-2,7-carbazole-*alt*-3,6-bis(thiophen-5-yl)-2,5-dioctyl-2,5-dihydropyrrolo[3,4-*c*]pyrrole-1,4-dione]

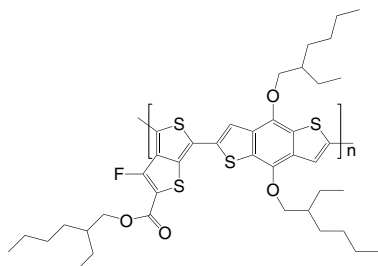
CAS No. : 1147374-60-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>59</sub>H<sub>81</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 647 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9050 | PTB7

Poly[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-*b*]thiophene-4,6-diyl]

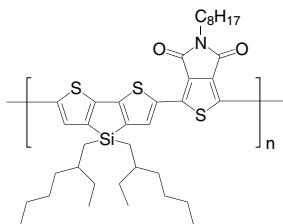
CAS No. : 1266549-31-8  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>41</sub>H<sub>53</sub>FO<sub>4</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 670 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9066 | PDTSTPD

Poly[2,6-(4,4'-bis(ethylhexyl)dithieno[3,2-*b*:2',3'-*d*]silole-*alt*-(1,3-(5-octyl-4*H*-thieno[3,4-*c*]pyrrole-4,6(5*H*)-dione))]

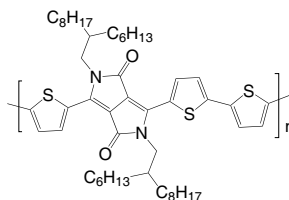
CAS No. : 1279109-93-1  
 Grade : Mw = 7,000 ~ 30,000 (GPC)  
 Formula : (C<sub>38</sub>H<sub>53</sub>NO<sub>2</sub>S<sub>3</sub>Si)<sub>n</sub>  
 UV : 614, 670 nm (film)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9109 | PDPP3T

Poly[2,2'-[(2,5-bis(2-hexyldecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-*c*]pyrrole-1,4-diyl)dithiophene]-5,5'-diyl-*alt*-thiophen-2,5-diyl]

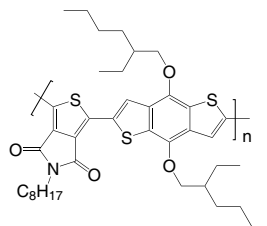
CAS No. : 1198291-01-8  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>50</sub>H<sub>72</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9111 | PBDTTPD

Poly[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-(1,3-(5-octyl-4*H*-thieno[3,4-*c*]pyrrole-4,6(5*H*)-dione))]

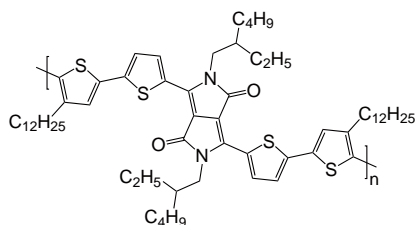
CAS No. : 1223479-75-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>53</sub>NO<sub>4</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 610 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9112 | pBBTDPD

Poly[3,6-bis(4'-dodecyl[2,2'-bithiophen]-5-yl)-2,5-bis(2-ethylhexyl)-2,5-dihydropyrrolo[3,4-*c*]pyrrole-1,4-dione]

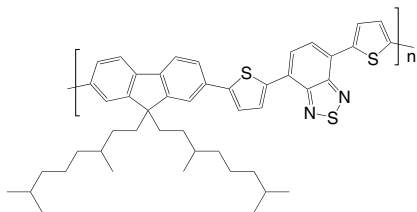
CAS No. : 1002094-22-5  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>90</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 650 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9113 | BisDMO-PFDTBT

Poly([2,7-(9,9-bis(3,7-dimethyloctyl)fluorene)]-*alt*-[5,5-(4,7-di-2'-thienyl-2,1,3-benzothiadiazole)])

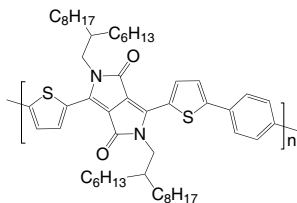
CAS No. : 1204005-82-2  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>47</sub>H<sub>54</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 560 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9114 | PDPPTPT

Poly(2,2'-[(2,5-bis(2-hexyldecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-benzen-1,4-diyl)

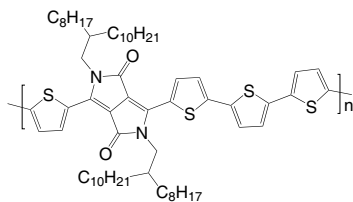
CAS No. : 1255939-39-9  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>74</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 628 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9117 | PDQT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-2,2'-bithiophene-5,5'-diyl)

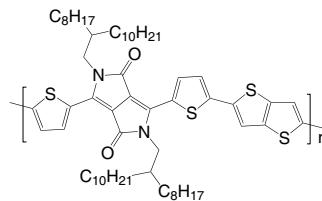
CAS No. : 1267540-03-3  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>90</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9118 | PDBT-co-TT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-thieno[3,2-*b*]thiophen-2,5-diyl)

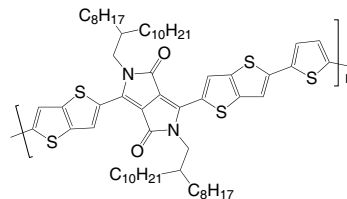
CAS No. : 1260685-65-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>60</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9119 | PDPPBT

Poly(2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)]dithiophene-5,5'-diyl-*alt*-thiophen-2,5-diyl)

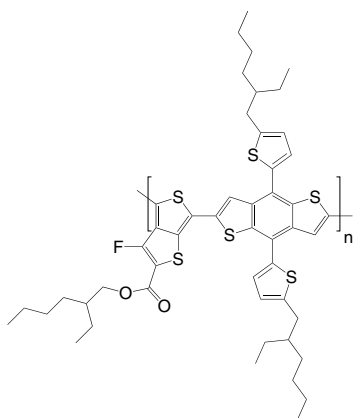
CAS No. : 1270977-98-4  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 812 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9139 | PTB7-Th

Poly[4,8-bis[5-(2-ethylhexyl)thiophen-2-yl]benzo[1,2-b:4,5-b']-dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]-thieno[3,4-*b*]thiophene-4,6-diyl]

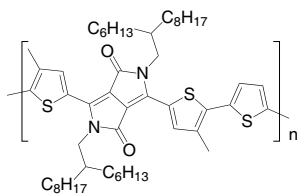
CAS No. : 1469791-66-9  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>49</sub>H<sub>57</sub>FO<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 UV : 695 nm (in CHCl<sub>3</sub>)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>



## LT-S9178 | PMDPP3T

Poly[[2,5-bis(2-hexyldecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-*c*]pyrrole-1,4-diyl]-*alt*-[3',3''-dimethyl-2,2':5',2''-terthiophene]-5,5''-diyl]

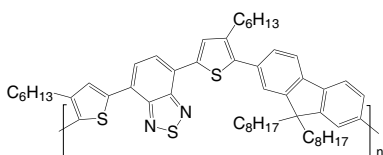
CAS No. : 1429119-71-0  
 Grade : Mw >30,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>76</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S9210 | F8TBT

4-(5-(9,9-Dioctyl-9H-fluoren-2-yl)-4-hexylthiophen-2-yl)-7-(4-hexylthiophen-2-yl)benzo[*c*][1,2,5]thiadiazole

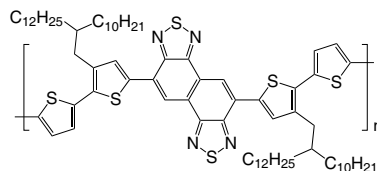
CAS No. : 891911-18-5  
 Grade : Mw >5,000 (GPC)  
 Formula : (C<sub>55</sub>H<sub>70</sub>N<sub>2</sub>S<sub>3</sub>)<sub>n</sub>



## LT-S9271 | PNTz4T

Poly[naphtho[1,2-*c*:5,6-*c'*]bis[1,2,5]thiadiazole-5,10-diyl[3,3''-bis(2-decyltetradecyl)[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

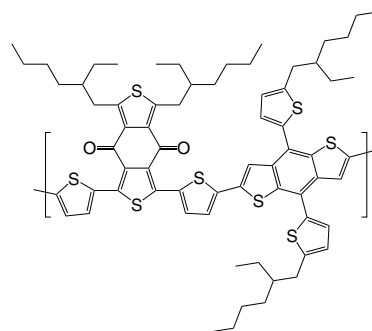
CAS No. : 1357999-94-0  
 Grade : Mw >30,000 (GPC)  
 Formula : (C<sub>74</sub>H<sub>106</sub>N<sub>4</sub>S<sub>6</sub>)<sub>n</sub>  
 UV : 725 nm (film)



## LT-S9273 | PBDB-T

Poly[[4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl]-2,5-thiophenediyl[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-*c*:4,5-*c'*]dithiophene-1,3-diyl]]

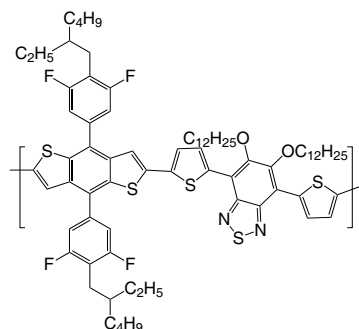
CAS No. : 1415929-80-4  
 Grade : Mw >10,000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>78</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>



## LT-S9278 | PTFBDT-BZS

Poly[[5,6-bis(dodecyloxy)-2,1,3-benzothiadiazole-4,7-diyl]-2,5-thiophenediyl[4,8-bis[4-(2-ethylhexyl)-3,5-difluorophenyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl]-2,5-thiophenediyl]

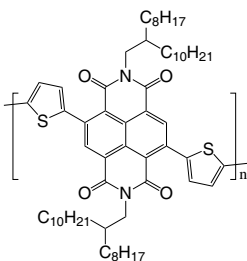
CAS No. : 1840869-86-4  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>76</sub>H<sub>94</sub>F<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 414, 542 nm (in DCB)



**LT-S9282** | P(NDI2OD-T2)

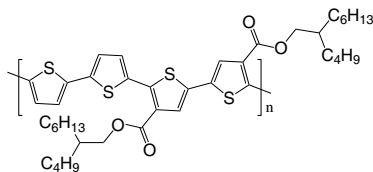
Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-dioxobenzo[Imn][3,8]phenanthroline-4,9-diyl][2,2'-bithiophene]-5,5'-diyl]

CAS No. : 1100243-40-0  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>

**LT-S9288** | PDCBT

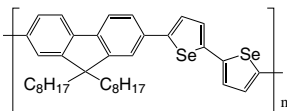
Poly[[2,2''-bis[[2-butyl(octyl)oxy]carbonyl][2,2':5':2'':5''-quaterthiophene]-5,5''-diyl]

CAS No. : 1609536-17-5  
 Grade : MW > 10,000 (GPC)  
 Formula : (C<sub>42</sub>H<sub>56</sub>O<sub>4</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 551 nm (film)

**LT-S9420** | F8Se2

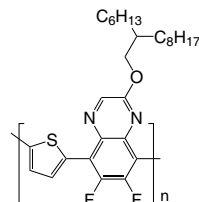
Poly[[2,2'-biselenophene]-5,5'-diyl(9,9-dioctyl-9H-fluorene-2,7-diyl)]

CAS No. : 898233-56-2  
 Formula : (C<sub>37</sub>H<sub>44</sub>Se<sub>2</sub>)<sub>n</sub>

**LT-S9435** | PTQ10

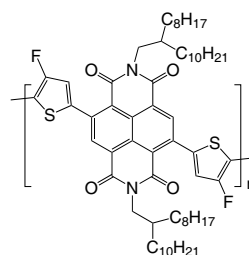
Poly[(thiophene)-alt-(6,7-difluoro-2-(2-hexyldodecyloxy)quinoxaline)]

CAS No. : 2270233-86-6  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>28</sub>H<sub>36</sub>F<sub>2</sub>N<sub>2</sub>OS)<sub>n</sub>  
 UV : A strong absorption from 450 to 620 nm (in CHCl<sub>3</sub> and film)

**LT-S9449** | P(NDI2OD-2FT)

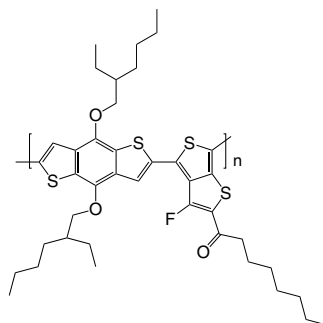
Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diyl]-(3,3'-difluoro[2,2'-bithiophene]-5,5'-diyl)]

CAS No. : 1773524-46-1  
 Grade : Mw > 10,000(GPC)  
 Formula : (C<sub>62</sub>H<sub>86</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

**LT-S9452** | PBDTTT-CF

Poly[[4,8-bis[(2-ethylhexyl)oxy]benzo[1,2-b:4,5-b']-dithiophene-2,6-diyl][3-fluoro-2-(1-oxooctyl)thieno[3,4-b]thiophenediyl]]

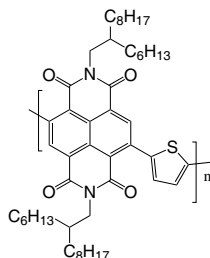
CAS No. : 1379592-65-0  
 Grade : Mw > 50,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>51</sub>FO<sub>3</sub>S<sub>4</sub>)<sub>n</sub>



**LT-S9454** | PNDI(2HD)T

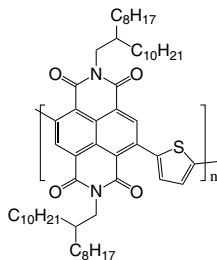
Poly[[N,N'-bis(2-hexyldodecyl)naphthalene-1,4,5,8-bis(dicarboximide)-2,6-diyl]-alt-2,5-thiophene]

CAS No. : 1675973-74-6  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>50</sub>H<sub>70</sub>N<sub>2</sub>O<sub>4</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

**LT-S9455** | PNDI(2OD)T

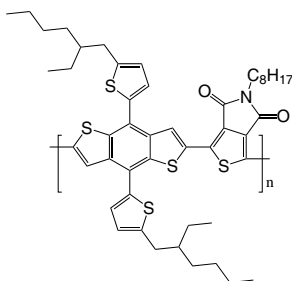
Poly[[1,2,3,6,7,8-hexahydro-2,7-bis(2-octyldodecyl)-1,3,6,8-tetraoxobenzo[Imn][3,8]phenanthroline-4,9-diyl]-2,5-thiophenediyl]

CAS No. : 1236111-76-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>58</sub>H<sub>86</sub>N<sub>2</sub>O<sub>4</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

**LT-S9456** | PBDT-T8-TPD

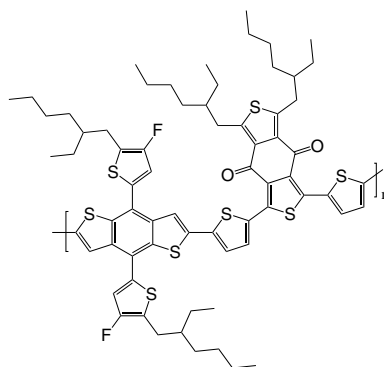
Poly[(5,6-dihydro-5-octyl-4,6-dioxo-4H-thieno[3,4-c]pyrrole-1,3-diyl)[4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2-b:4,5-b']dithiophene-2,6-diyl]]

CAS No. : 1426534-44-2  
 Grade : Mw = 50,000-150,000 (GPC)  
 Formula : (C<sub>48</sub>H<sub>57</sub>NO<sub>2</sub>S<sub>5</sub>)<sub>n</sub>  
 UV : 557, 614 nm (film)

**LT-S9457** | PM6 (PBDB-T-2F)

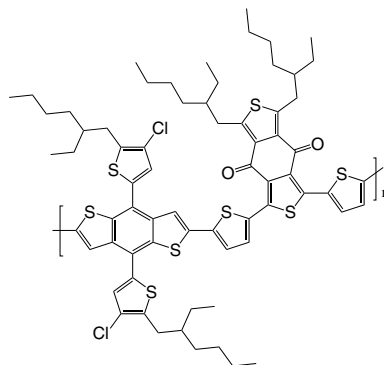
Poly[[4,8-bis[5-(2-ethylhexyl)-4-fluoro-2-thienyl]benzo-[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl-[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

CAS No. : 1802013-83-7  
 Grade : MW = 10000~100000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>76</sub>F<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>  
 UV : 614 nm (in CHCl<sub>3</sub>)

**LT-S9458** | PBDB-T-2Cl

Poly[[4,8-bis[4-chloro-5-(2-ethylhexyl)-2-thienyl]benzo-[1,2-b:4,5-b']dithiophene-2,6-diyl]-2,5-thiophenediyl-[5,7-bis(2-ethylhexyl)-4,8-dioxo-4H,8H-benzo[1,2-c:4,5-c']dithiophene-1,3-diyl]-2,5-thiophenediyl]

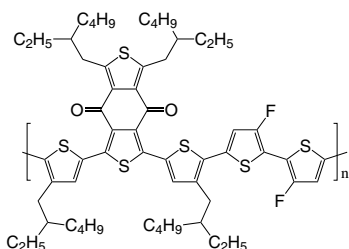
CAS No. : 2239295-71-5  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>68</sub>H<sub>76</sub>Cl<sub>2</sub>O<sub>2</sub>S<sub>8</sub>)<sub>n</sub>



### LT-S9462 | PBDD4T-2F

Poly[[5,7-bis(2-ethylhexyl)-4,8-dioxo-4*H*,8*H*-benzo[1,2-*c*:4,5-*c'*]dithiophene-1,3-diyl][3,3'-bis(2-ethylhexyl)-3',4'-difluoro[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

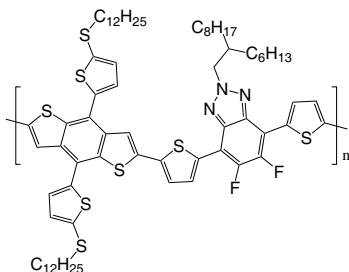
CAS No. : 1890205-85-2  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>58</sub>H<sub>72</sub>F<sub>2</sub>O<sub>2</sub>S<sub>6</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9463 | J61

Poly[[5,6-difluoro-2-(2-hexyldecyl)-2*H*-benzotriazole-4,7-diyl]-2,5-thiophenediyl][4,8-bis[5-(dodecylthio)-2-thienyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl]-2,5-thiophenediyl]]

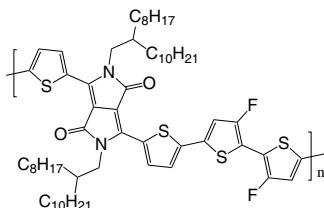
CAS No. : 1887136-03-9  
 Grade : Mw = 50,000-150,000 (GPC)  
 Formula : (C<sub>72</sub>H<sub>93</sub>F<sub>2</sub>N<sub>3</sub>S<sub>8</sub>)<sub>n</sub>



### LT-S9464 | PDPP4T-2F

Poly[[2,5-bis(2-decyltetradecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrol[3,4-*c*]pyrrole-1,4-diyl][3',4'-difluoro[2,2':5',2'':5'',2'''-quaterthiophene]-5,5'''-diyl]]

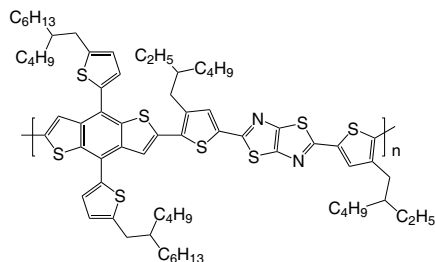
CAS No. : 1926166-46-2  
 Grade : Mw = 20,000~200,000 (GPC)  
 Formula : (C<sub>70</sub>H<sub>104</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>



### LT-S9465 | PTZ1

Poly[thiazolo[5,4-*d*]thiazole-2,5-diyl][4-(2-ethylhexyl)-2,5-thiophenediyl][4,8-bis[5-(2-butyldecyl)-2-thienyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl][3-(2-ethylhexyl)-2,5-thiophenediyl]]

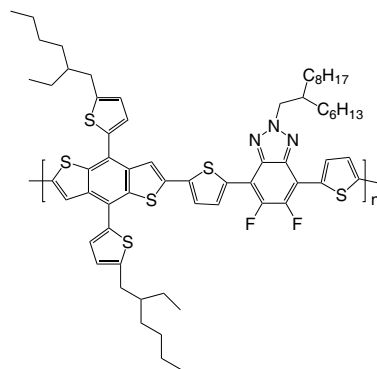
CAS No. : 2029196-34-5  
 Grade : Mw = 10,000-50,000 (GPC)  
 Formula : (C<sub>70</sub>H<sub>92</sub>N<sub>2</sub>S<sub>8</sub>)<sub>n</sub>



### LT-S9469 | J52

Poly[[5,6-difluoro-2-(2-hexyldecyl)-2*H*-benzotriazole-4,7-diyl]-2,5-thiophenediyl][4,8-bis[5-(2-ethylhexyl)-2-thienyl]benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl]-2,5-thiophenediyl]]

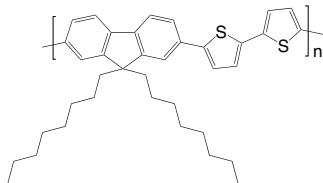
CAS No. : 1887136-01-7  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>64</sub>H<sub>77</sub>F<sub>2</sub>N<sub>3</sub>S<sub>6</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S979 | F8T2

Poly[(9,9-di-*n*-octylfluorenyl-2,7-diyl)-*alt*-2,2'-bithiophene-5,5'-diyl]

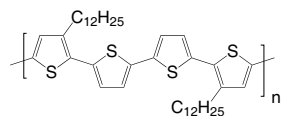
CAS No. : 210347-56-1  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>37</sub>H<sub>44</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 454 nm (in THF)  
 PL : 500 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



## LT-S980 | PQT-12

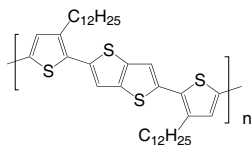
Poly[bis(3-dodecyl-2-thienyl)-2,2'-dithiophene-5,5'-diyl]

CAS No. : 827343-06-6  
 Grade : Mw = 10,000 ~ 40,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>56</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 473 nm (in Toluene)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S981 | PBTTT-C<sub>12</sub>

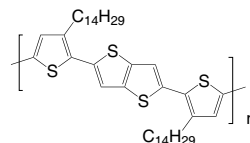
Poly[2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophene]

CAS No. : 888491-18-7  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>38</sub>H<sub>54</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 460 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S982 | PBTTT-C<sub>14</sub>

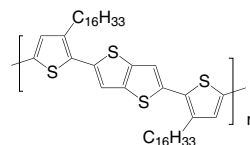
Poly[2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene]

CAS No. : 888491-19-8  
 Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>38</sub>H<sub>54</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>

LT-S9060 | PBTTT-C<sub>16</sub>

Poly[2,5-bis(3-hexadecylthiophen-2-yl)thieno[3,2-b]thiophene]

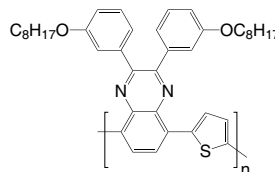
Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>46</sub>H<sub>70</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 466 nm (in THF)  
 PL : 557 nm (in THF)  
 Solubility : >5 mg/mL in CHCl<sub>3</sub>



## LT-S9091 | TQ1

Poly[2,3-bis-(3-octyloxyphenyl)quinoxaline-5,8-diyl-*alt*-thiophene-2,5-diyl]

CAS No. : 565228-37-7  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>40</sub>H<sub>46</sub>N<sub>2</sub>O<sub>2</sub>S)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene

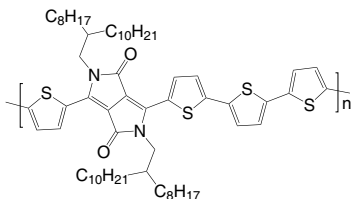




### LT-S9117 | PDQT

Poly[2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl-*alt*-2,2'-bithiophene-5,5'-diyl]

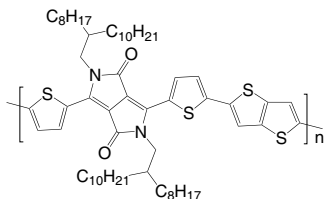
CAS No. : 1267540-03-3  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>90</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9118 | PDBT-co-TT

Poly[2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl-*alt*-thieno[3,2-b]thiophen-2,5-diyl]

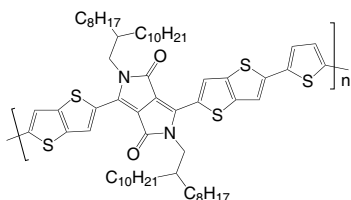
CAS No. : 1260685-65-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>60</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 UV : 810 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9119 | PDPBTT

Poly[2,2'-[(2,5-bis(2-octyldodecyl)-3,6-dioxo-2,3,5,6-tetrahydropyrrolo[3,4-c]pyrrole-1,4-diyl)dithiophene-5,5'-diyl-*alt*-thiophen-2,5-diyl]

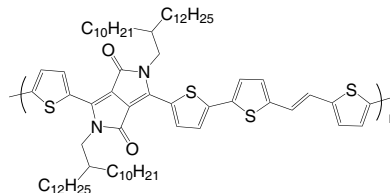
CAS No. : 1270977-98-4  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>62</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 812 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9133 | PDVT-10

Poly[3,6-dithiophen-2-yl-2,5-di(2-decyltetradecyl)-pyrrolo[3,4-c]pyrrole-1,4-dione-*alt*-thienylenevinylene-2,5-yl]

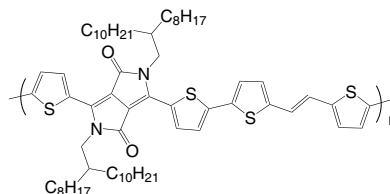
CAS No. : 1442682-99-6  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>72</sub>H<sub>108</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9155 | PDVT-8

Poly[3,6-dithiophen-2-yl-2,5-di(2-octyldodecyl)pyrrolo[3,4-c]pyrrole-1,4-dione-*alt*-thienylenevinylene-2,5-yl]

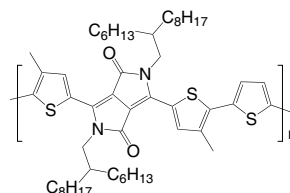
CAS No. : 1403959-01-2  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>64</sub>H<sub>92</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub>)<sub>n</sub>  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9178 | PMDPP3T

Poly[[2,5-bis(2-hexyldodecyl)-2,3,5,6-tetrahydro-3,6-dioxopyrrolo[3,4-c]pyrrole-1,4-diyl]-*alt*-[3',3''-dimethyl-2,2':5',2''-terthiophene]-5,5''-diyl]

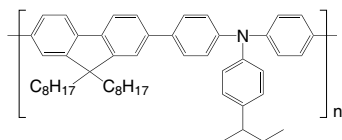
CAS No. : 1429119-71-0  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>76</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub>)<sub>n</sub>  
 UV : 830 nm (in CHCl<sub>3</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N148 | TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(4-*sec*-butylphenyl)diphenyl)amine)]

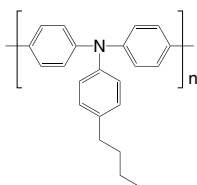
CAS No. : 220797-16-0  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV : 389 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 443 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CH<sub>2</sub>Cl<sub>2</sub>, Toluene, CHCl<sub>3</sub>



### LT-N149 | Poly-TPD

Poly[*N,N'*-bis(4-butylphenyl)-*N,N'*-bis(phenyl)-benzidine]

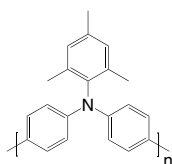
CAS No. : 472960-35-3  
 Grade : Mw = 20,000~200,000 (GPC)  
 Formula : (C<sub>22</sub>H<sub>21</sub>N)<sub>n</sub>  
 UV : 371, 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene



### LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

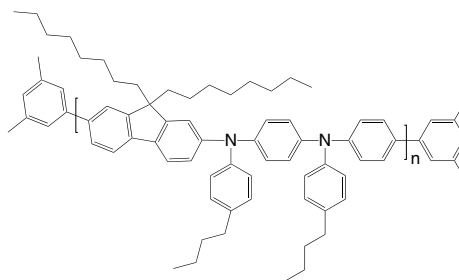
CAS No. : 1333317-99-9  
 Grade : Mw = 20,000~100,000 (GPC)  
 Formula : (C<sub>21</sub>H<sub>19</sub>N)<sub>n</sub>  
 UV : 388 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 424 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N169

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(*N,N'*-diphenyl)-*N,N'*-di(*p*-butylphenyl)-1,4-diaminobenzene] end capped with dimethylphenyl

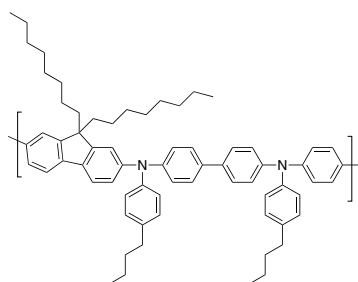
Grade : Mw > 10,000 (GPC)  
 Formula : C<sub>16</sub>H<sub>18</sub>(C<sub>67</sub>H<sub>78</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 380 nm (in THF)  
 PL : 494 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N170 | BFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt-co*-(*N,N'*-bis(4-butylphenyl)-benzidine)-*N,N'*-(1,4-diphenylene)]

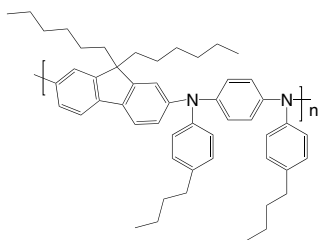
CAS No. : 223569-32-2  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>73</sub>H<sub>82</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 380 nm (in THF)  
 PL : 435 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N171 | PFHB

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-*alt*-(*N,N'*-bis-(*p*-butylphenyl)-1,4-diaminophenylene)]

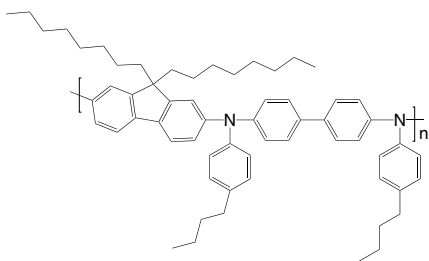
CAS No. : 870517-32-1  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>62</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 398 nm (in THF)  
 PL : 425 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N172

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(*N,N'*-bis(*p*-butylphenyl)-1,1'-biphenylene-4,4'-diamine)]

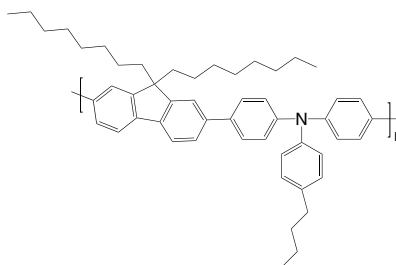
CAS No. : 1115424-53-7  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>61</sub>H<sub>74</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 397 nm (in THF)  
 PL : 420 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N174

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(*p*-butylphenyl))diphenylamine)]

CAS No. : 223569-31-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV : 385 nm (in THF)  
 PL : 434 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N175

Poly(1-vinylnaphthalene)

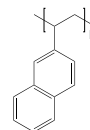
CAS No. : 29793-40-6  
 Grade : Mw > 20,000 (GPC)  
 Formula : (C<sub>12</sub>H<sub>10</sub>)<sub>n</sub>  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N176

Poly(2-vinylnaphthalene)

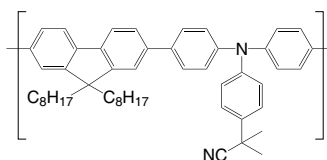
CAS No. : 28406-56-6  
 Grade : Mw > 50,000 (GPC)  
 Formula : (C<sub>12</sub>H<sub>10</sub>)<sub>n</sub>  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N189 | iPrCN / CNPr-TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(4,4'-(*N*-(diphenylamine))-(2-cyanoisopropylphenyl))]

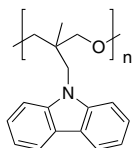
Grade : Mw = 10,000~100,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>58</sub>N<sub>2</sub>)<sub>n</sub>



## LT-N4037 | PCMO

Poly[3-(carbazol-9-ylmethyl)-3-methyloxetane]

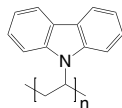
CAS No. : 69678-71-3  
 Grade : Mw >30,000 (GPC)  
 Formula :  $(C_{17}H_{17}NO)_n$   
 UV : 237, 263 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-N4077 | PVK

Poly(9-vinylcarbazole)

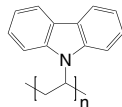
CAS No. : 25067-59-8  
 Grade : Mw >20,000 (GPC)  
 Formula :  $(C_{14}H_{11}N)_n$   
 UV : 261, 294 nm (in  $CH_2Cl_2$ )  
 PL : 380 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-N4078 | PVK

Poly(9-vinylcarbazole)

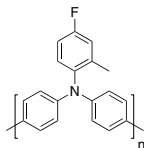
CAS No. : 25067-59-8  
 Grade : Mw >100,000 (GPC)  
 Formula :  $(C_{14}H_{11}N)_n$   
 UV : 261, 294 nm (in  $CH_2Cl_2$ )  
 PL : 380 nm (in THF)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene

**NEW**

## LT-N1021 | 1F-PTAA

Poly(bis(4-phenyl)(4-fluoro-2-methylphenyl)amine)

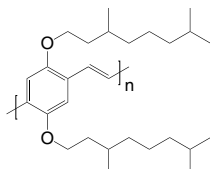
Grade : Mw >20,000  
 Formula :  $(C_{19}H_{14}FN)_n$   
 HOMO : -5.52  
 LUMO : -2.55



### LT-A1001

Poly[2,5-bis(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene]

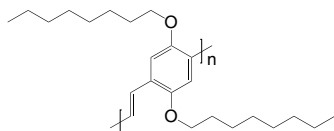
CAS No. : 189012-99-5  
 Grade : Mw > 100,000 (GPC)  
 Formula :  $(C_{28}H_{46}O_2)_n$   
 UV : 480 nm (in Toluene)  
 PL : 548 nm (in Toluene)  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1004

Poly[2,5-bis(octyloxy)-1,4-phenylenevinylene]

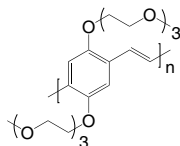
CAS No. : 133069-19-9  
 Grade : Mw > 3,000 (GPC)  
 Formula :  $(C_{24}H_{38}O_2)_n$   
 UV : 477 nm (in  $CH_2Cl_2$ )  
 PL : 548 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in THF,  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1005 BTEM-PPV

Poly(2,5-bis(1,4,7,10-tetraoxaundecyl)-1,4-phenylenevinylene)

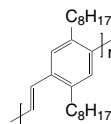
CAS No. : 221244-49-1  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{21}H_{32}O_8)_n$   
 UV : 491 nm (in THF)  
 PL : 549 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1006 POPPV

Poly(2,5-dioctyl-1,4-phenylenevinylene)

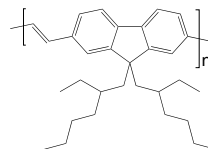
CAS No. : 808735-22-0  
 Grade : Mw > 3,000 (GPC)  
 Formula :  $(C_{24}H_{38})_n$   
 UV : 403 nm (in  $CH_2Cl_2$ )  
 PL : 491 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1007

Poly(9,9-di-(2-ethylhexyl)-9H-fluorene-2,7-vinylene)

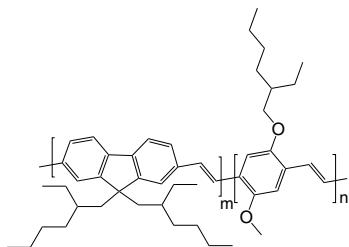
CAS No. : 1019638-19-7  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{37}H_{42})_n$   
 UV : 280 nm (in  $CH_2Cl_2$ )  
 PL : 454 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1008

Poly[(9,9-di(2-ethylhexyl)-9H-fluorene-2,7-vinylene)-co-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene)] (m:n=95:5 mole ratio)

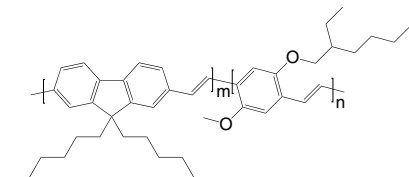
Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{31}H_{42})_m(C_{17}H_{24}O_2)_n$   
 UV : 280 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 510 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1009 Poly(FV-CO-MEHPV)

Poly[(9,9-dihexyl-9H-fluorene-2,7-vinylene)-co-(1-methoxy-4-(2-ethylhexyloxy)-2,5-phenylenevinylene)] (m:n=95:5 mole ratio)

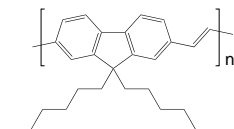
Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{27}H_{34})_m(C_{17}H_{24}O_2)_n$   
 UV : 280 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 500 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1010

Poly(9,9-di-n-hexylfluorenyl-2,7-vinylene)

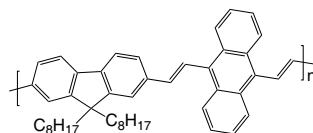
CAS No. : 203927-82-6  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{27}H_{34})_n$   
 UV : 373 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 454 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1011

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(9,10-anthracene)]

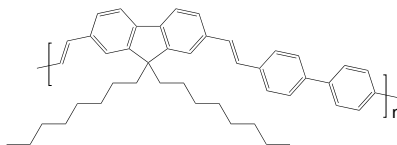
CAS No. : 474975-19-4  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{47}H_{52})_n$   
 UV : 445 nm (in THF)  
 PL : 556 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1012

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(4,4'-biphenylene)]

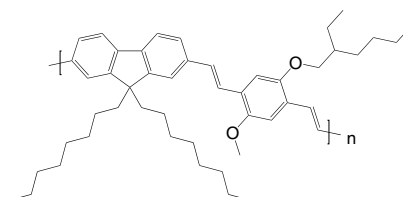
CAS No. : 474975-20-7  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{45}H_{52})_n$   
 UV : 430 nm (in THF)  
 PL : 448 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1013 PFPV

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)]

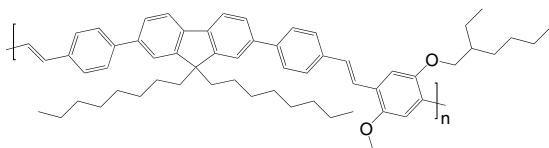
CAS No. : 475101-36-1  
 Grade : Mw > 20,000 (GPC)  
 Formula :  $(C_{48}H_{66}O_2)_n$   
 UV : 480 nm (in THF)  
 PL : 508/534 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1014

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(1,4-diphenylenevinylene-2-methoxy-5-(2-ethylhexyloxy)-benzene)]

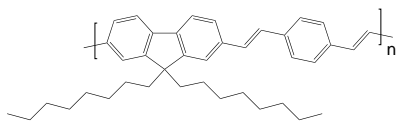
CAS No. : 577705-37-4  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>60</sub>H<sub>74</sub>O<sub>2</sub>)<sub>n</sub>  
 UV : 426 nm (in THF)  
 PL : 466 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1015

Poly[(9,9-dioctyl-2,7-divinylenefluorenylene)-*alt*-(1,4-phenylene)]

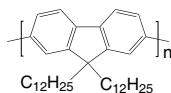
CAS No. : 579505-60-5  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>39</sub>H<sub>48</sub>)<sub>n</sub>  
 UV : 456 nm (in THF)  
 PL : 495 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1016

Poly(9,9-di-n-dodecylfluorenyl-2,7-diyl)

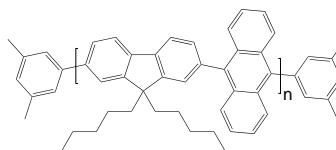
CAS No. : 248256-53-3  
 Grade : Mw > 50,000 (GPC)  
 Formula : (C<sub>37</sub>H<sub>56</sub>)<sub>n</sub>  
 UV : 369 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 421 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1017

Poly[(9,9-dihexylfluoren-2,7-diyl)-*co*-(anthracen-9,10-diyl)] end capped with dimethylphenyl

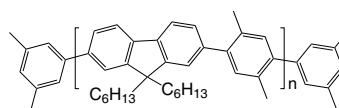
Grade : Mw > 10,000 (GPC)  
 Formula : C<sub>16</sub>H<sub>18</sub>(C<sub>39</sub>H<sub>40</sub>)<sub>n</sub>  
 UV : 375 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 440 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1018

Poly[(9,9-dihexylfluoren-2,7-diyl)-*alt*-(2,5-dimethyl-1,4-phenylene)] end capped with dimethylphenyl

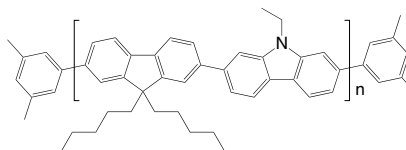
CAS No. : 579505-48-9  
 Grade : Mw > 20,000 (GPC)  
 Formula : C<sub>16</sub>H<sub>18</sub>(C<sub>33</sub>H<sub>40</sub>)<sub>n</sub>  
 UV : 330 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1019

Poly[(9,9-dihexylfluoren-2,7-diyl)-*co*-(9-ethylcarbazol-2,7-diyl)] end capped with dimethylphenyl

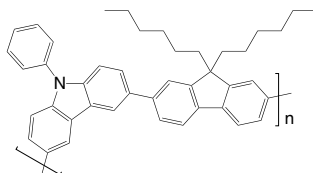
Grade : Mw > 20,000 (GPC)  
 Formula : C<sub>16</sub>H<sub>18</sub>(C<sub>39</sub>H<sub>43</sub>N)<sub>n</sub>  
 UV : 374 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 417 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-A1020

Poly(9,9-n-dihexyl-2,7-fluorene-*alt*-9-phenyl-3,6-carbazole)

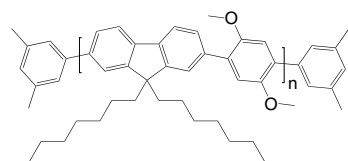
CAS No. : 856893-75-9  
 Grade : Mw > 30,000 (GPC)  
 Formula :  $(C_{43}H_{43}N)_n$   
 UV : 333 nm (in  $CH_2Cl_2$ )  
 PL : 398 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1021

Poly[[9,9-dioctylfluorenyl-2,7-diyl]-*co*-(1,4-(2,5-dimethoxy)benzene)] end capped with dimethylphenyl

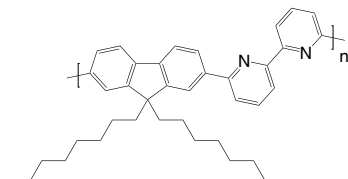
Grade : Mw > 20,000 (GPC)  
 Formula :  $C_{16}H_{18}(C_{37}H_{48}O_2)_n$   
 UV : 369 nm (in THF)  
 PL : 410 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1023 PFO-BPy

Poly[[9,9-dioctylfluorenyl-2,7-diyl]-*alt*-(6,6'-(2,2'-bipyridine))]

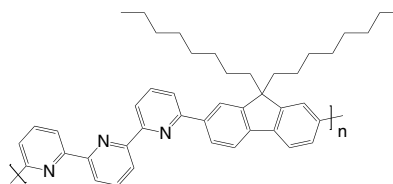
CAS No. : 1423043-97-3  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{39}H_{46}N_2)_n$   
 UV : 360 nm (in THF)  
 PL : 373/392nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1024

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(6,6'-(2,2':6',2''-terpyridine))]

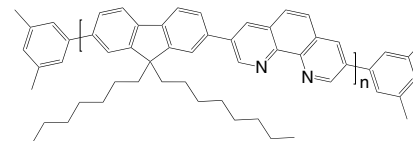
CAS No. : 934690-41-2  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{44}H_{49}N_3)_n$   
 UV : 347 nm (in THF)  
 PL : 368 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1025

Poly[[9,9-dioctyl-2,7-fluorenylene]-*co*-(3,8-phenanthroline)] end capped with dimethylphenyl

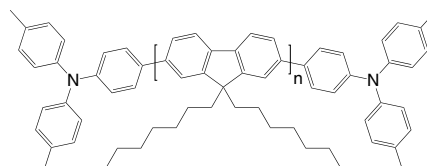
Grade : Mw > 30,000 (GPC)  
 Formula :  $C_{16}H_{18}(C_{41}H_{46}N_2)_n$   
 UV : 388 nm (in THF)  
 PL : 410 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1026

Poly[9,9-dioctylfluorenyl-2,7-diyl] end capped with *N,N*-bis(4-methylphenyl)aniline

Grade : Mw > 20,000 (GPC)  
 Formula :  $C_{40}H_{36}N_2(C_{29}H_{40})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene

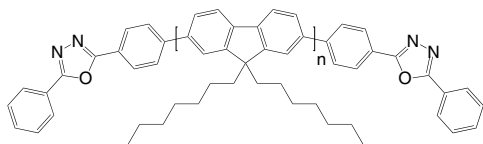




### LT-A1027

Poly[9,9-dioctylfluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

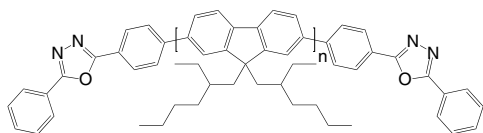
Grade : Mw > 20,000 (GPC)  
 Formula :  $C_{28}H_{18}N_4O_2(C_{29}H_{42})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1028

Poly[9,9-di(2-ethylhexyl)fluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

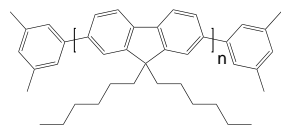
Grade : Mw > 10,000 (GPC)  
 Formula :  $C_{28}H_{18}N_4O_2(C_{29}H_{40})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1029

Poly[9,9-dihexylfluorenyl-2,7-diyl] end capped with dimethylphenyl

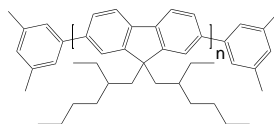
CAS No. : 1010129-39-1  
 Grade : Mw = 50,000 ~ 150,000 (GPC)  
 Formula :  $C_{16}H_{16}(C_{25}H_{32})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1030

Poly[9,9-di(2-ethylhexyl)fluorenyl-2,7-diyl] end capped with dimethylphenyl

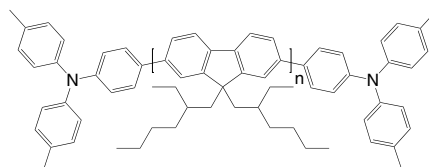
Grade : Mw > 20,000 (GPC)  
 Formula :  $C_{16}H_{18}(C_{29}H_{40})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1031

Poly[9,9-di(2-ethylhexyl)fluorenyl-2,7-diyl] end capped with *N,N*-bis(4-methylphenyl)aniline

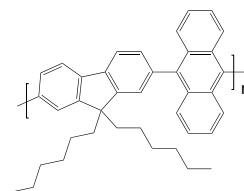
Grade : Mw > 10,000 (GPC)  
 Formula :  $C_{40}H_{36}N_2(C_{29}H_{40})_n$   
 UV : 393 nm (in THF)  
 PL : 412 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1032 PFH-A

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-co-(9,10-anthracene)]

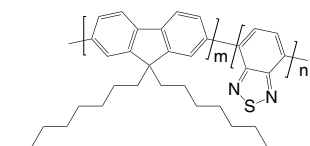
CAS No. : 474975-22-9  
 Grade : Mw > 10,000 (GPC)  
 Formula :  $(C_{39}H_{40})_n$   
 UV : 375 nm (in THF)  
 PL : 440 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



## LT-A1033

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(1,4-benzo-[2,1,3]-thiadiazole)] (m:n=95:5 mole ratio)

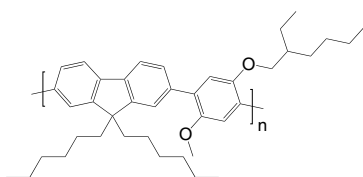
Grade	: Mw > 20,000 (GPC)
Formula	: (C <sub>29</sub> H <sub>40</sub> ) <sub>m</sub> (C <sub>6</sub> H <sub>2</sub> N <sub>2</sub> S) <sub>n</sub>
UV	: 386 nm (in THF)
PL	: 535 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



## LT-A1034

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-*alt*-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)]

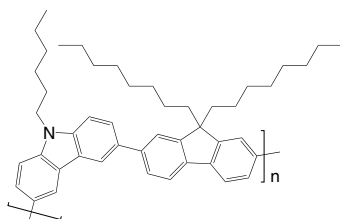
CAS No.	: 475102-99-9
Grade	: M <sub>w</sub> > 10,000 (GPC)
Formula	: (C <sub>40</sub> H <sub>54</sub> O <sub>2</sub> ) <sub>n</sub>
UV	: 366 nm (in THF)
PL	: 410 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



## LT-A1035

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(9-hexyl-3,6-carbazole)]

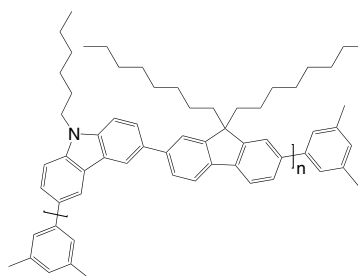
Grade	: Mw > 10,000 (GPC)
Formula	: (C <sub>47</sub> H <sub>59</sub> N) <sub>n</sub>
UV	: 360 nm (in THF)
PL	: 410 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



## LT-A1036

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(9-hexyl-3,6-carbazole)] end capped with dimethylphenyl

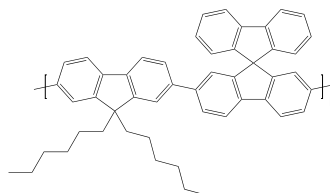
Grade	: Mw > 10,000 (GPC)
Formula	: C <sub>16</sub> H <sub>18</sub> (C <sub>47</sub> H <sub>59</sub> N) <sub>n</sub>
UV	: 364 nm (in THF)
PL	: 412 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



## LT-A1037

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-*alt*-(9,9'-spirobifluorene-2,7-diyl)]

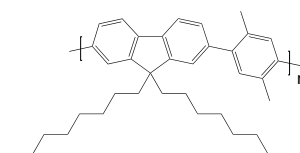
CAS No.	: 474975-24-1
Grade	: Mw > 20,000 (GPC)
Formula	: (C <sub>50</sub> H <sub>46</sub> ) <sub>n</sub>
UV	: 380 nm (in THF)
PL	: 410 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



## LT-A1038

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(2,5-p-xylene)]

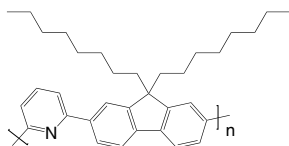
CAS No.	: 1687752-52-8
Grade	: Mw > 20,000 (GPC)
Formula	: (C <sub>37</sub> H <sub>48</sub> ) <sub>n</sub>
UV	: 335 nm (in THF)
PL	: 378 nm (in THF)
Solubility	: Soluble in CHCl <sub>3</sub> , Chlorobenzene, Dichlorobenzene



### LT-A1039

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(2,6-pyridine)]

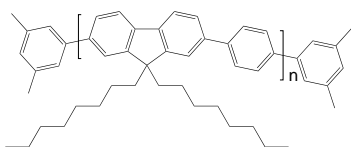
CAS No. : 773895-96-8  
 Grade : Mw >20,000 (GPC)  
 Formula :  $(C_{34}H_{43}N)_n$   
 UV : 364 nm (in THF)  
 PL : 406 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1040

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*co*-(1,4-phenylene)]end capped with dimethylphenyl

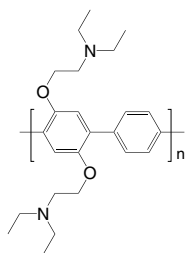
CAS No. : 1025775-95-4  
 Grade : Mw >30,000 (GPC)  
 Formula :  $C_{16}H_{18}(C_{35}H_{44})_n$   
 UV : 377 nm (in THF)  
 PL : 405 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1050

Poly[[2,5-bis(2-(*N,N*-diethylamino)ethoxy)-1,4-phenylene]-*alt*-1,4-phenylene]

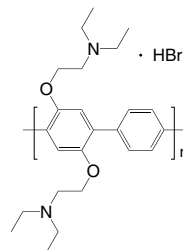
Grade : Mw >30,000 (GPC)  
 Formula :  $(C_{24}H_{34}N_2O_2)_n$   
 UV : 340 nm (in  $CH_2Cl_2$ )  
 PL : 400 nm (in  $CH_2Cl_2$ )  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1051

Poly[(2,5-bis(2-(*N,N*-diethylammoniumbromide)ethoxy)-1,4-phenylene)-*alt*-1,4-phenylene]

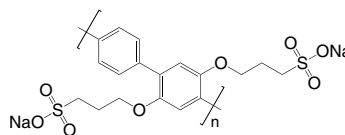
Grade : Mw >30,000 (GPC)  
 Formula :  $(C_{24}H_{36}Br_2N_2O_2)_n$   
 UV : 340 nm (in DMSO)  
 PL : 421 nm (in DMSO)  
 Solubility : Soluble in  $H_2O$



### LT-A1052

Poly(2,5-bis(3-sulfonatopropoxy)-1,4-phenylene, disodium salt-*alt*-1,4-phenylene)

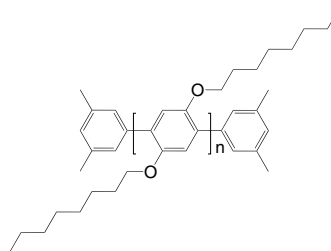
Grade : Mw >30,000 (GPC)  
 Formula :  $(C_{18}H_{18}Na_2O_8S_2)_n$   
 UV : 341 nm (in  $H_2O$ )  
 PL : 420 nm (in  $H_2O$ )  
 Solubility : Soluble in  $H_2O$



### LT-A1054

Poly[2,5-dioctyl-1,4-phenylene] end capped with dimethylphenyl

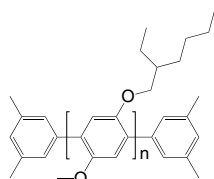
Grade : Mw >10,000 (GPC)  
 Formula :  $C_{16}H_{18}(C_{22}H_{36}O_2)_n$   
 UV : 335 nm (in THF)  
 PL : 397 nm (in THF)  
 Solubility : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1055

Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene] end capped with dimethylphenyl

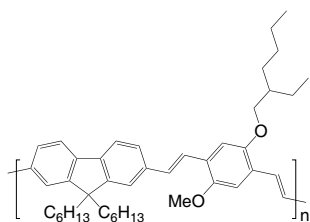
Grade	: Mw > 10,000 (GPC)
Formula	: $C_{16}H_{18}(C_{15}H_{22}O_2)_n$
UV	: 325 nm (in THF)
PL	: 390 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-A1056

Poly[(9,9-dihexyl-9H-fluorene-2,7-vinylene)-co-(1-methoxy-4-(2-ethylhexyloxy)-2,5-phenylenevinylene)]

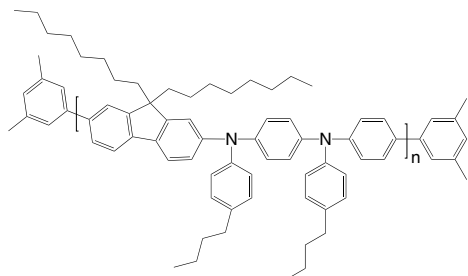
Grade	: Mw > 20,000 (GPC)
Formula	: $(C_{44}H_{58}O_2)_n$
UV	: 325 nm (in THF)
PL	: 390 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N169

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(*N,N'*-diphenyl)-*N,N'*-di(*p*-butylphenyl)-1,4-diaminobenzene] end capped with dimethylphenyl

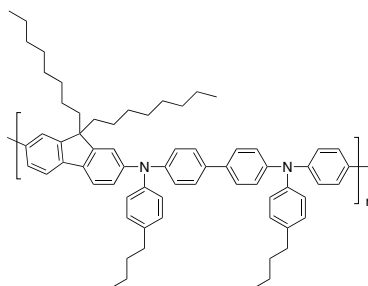
Grade	: Mw > 10,000 (GPC)
Formula	: $C_{16}H_{18}(C_{67}H_{78}N_2)_n$
UV	: 380 nm (in THF)
PL	: 494 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N170

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-*alt*-(*N,N'*-bis(4-butylphenyl)-benzidine-*N,N'*-(1,4-diphenylene))]

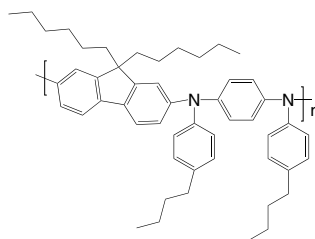
CAS No.	: 223569-32-2
Grade	: Mw > 10,000 (GPC)
Formula	: $(C_{73}H_{82}N_2)_n$
UV	: 380 nm (in THF)
PL	: 435 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N171

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-*alt*-(*N,N'*-bis(*p*-butylphenyl)-1,4-diaminophenylene)]

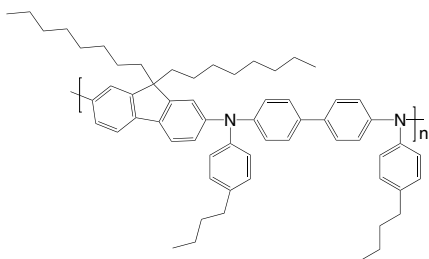
CAS No.	: 870517-32-1
Grade	: Mw > 10,000 (GPC)
Formula	: $(C_{51}H_{62}N_2)_n$
UV	: 398 nm (in THF)
PL	: 425 nm (in THF)
Solubility	: Soluble in $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N172

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(*p*-butylphenyl)-1,1'-biphenylene-4,4'-diamine)]

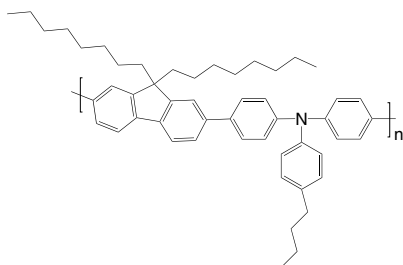
CAS No. : 1115424-53-7  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>61</sub>H<sub>74</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 397 nm (in THF)  
 PL : 420 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N174

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(*p*-butylphenyl))diphenylamine)]

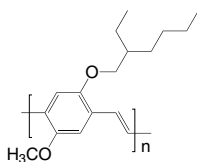
CAS No. : 223569-31-1  
 Grade : Mw > 30,000 (GPC)  
 Formula : (C<sub>51</sub>H<sub>61</sub>N)<sub>n</sub>  
 UV : 385 nm (in THF)  
 PL : 434 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S931 MEH-PPV

Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene]

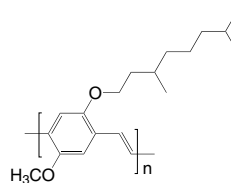
CAS No. : 138184-36-8  
 Grade : Mw > 100,000 (GPC)  
 Formula : (C<sub>17</sub>H<sub>24</sub>O<sub>2</sub>)<sub>n</sub>  
 UV : 501 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 502 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S932 DMDMO-PPV

Poly[2-methoxy-5-(3,7-dimethoxyoctyloxy)-1,4-phenylenevinylene]

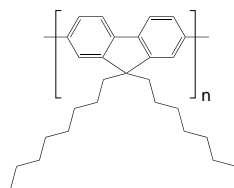
CAS No. : 177716-59-5  
 Grade : Mw > 100,000 (GPC)  
 Formula : (C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>)<sub>n</sub>  
 UV : 485 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 555 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S933 PFO

Poly(9,9-dioctylfluorenyl-2,7-diyl)

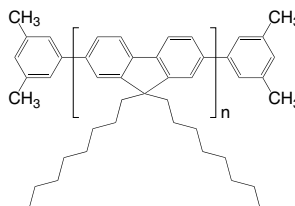
CAS No. : 123864-00-6  
 Grade : Mw = 50,000 ~ 150,000 (GPC)  
 Formula : (C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV : 376 nm (in THF)  
 PL : 426 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S934 PFO-DMP

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

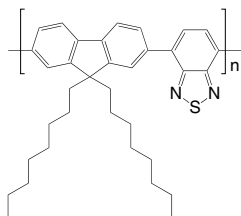
CAS No. : 874816-14-5  
 Grade : Mw = 50,000 ~ 150,000 (GPC)  
 Formula : C<sub>16</sub>H<sub>18</sub>(C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV : 368 nm (in THF)  
 PL : 421 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S957 | F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(benzo[2,1,3]thiadiazol-4,7-diyl)]

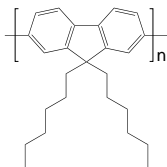
CAS No. : 210347-52-7  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>35</sub>H<sub>42</sub>N<sub>2</sub>S)<sub>n</sub>  
 UV : 453 nm (in THF)  
 PL : 534 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S958 | PHF

Poly(9,9-dihexylfluorenyl-2,7-diyl)

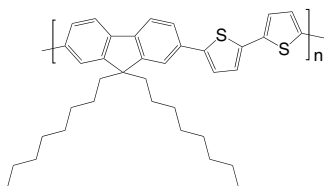
CAS No. : 201807-75-2  
 Grade : Mw =30,000~100,000 (GPC)  
 Formula : (C<sub>25</sub>H<sub>32</sub>)<sub>n</sub>  
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S979 | F8T2

Poly[(9,9-di-n-octylfluorenyl-2,7-diyl)-alt-2,2'-bithiophene-5,5'-diyl]

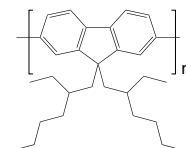
CAS No. : 210347-56-1  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>37</sub>H<sub>44</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 454 nm (in THF)  
 PL : 500 nm (in THF)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9004 | PF2EH

Poly[9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl]

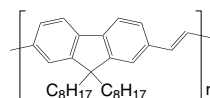
CAS No. : 188201-16-3  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>29</sub>H<sub>40</sub>)<sub>n</sub>  
 UV : 389 nm (in THF)  
 PL : 418 nm (in THF)  
 Solubility : Soluble in THF, CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-S9006

Poly[(9,9-dioctyl-9H-fluorene-2,7-diyl)-(1E)-1,2-ethene-diyl]

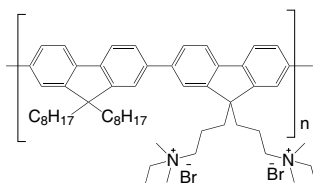
CAS No. : 360068-36-6  
 Grade : Mw >20,000 (GPC)  
 Formula : (C<sub>31</sub>H<sub>42</sub>)<sub>n</sub>  
 UV : 455 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CHCl<sub>3</sub>, Chlorobenzene, Dichlorobenzene



### LT-N878 | PFN-Br

Poly[(9,9-bis(3'-((*N,N*-dimethyl)-*N*-ethylammonium)-propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]dibromide

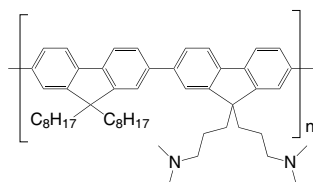
CAS No. : 889672-99-5  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>56</sub>H<sub>80</sub>N<sub>2</sub>Br<sub>2</sub>)<sub>n</sub>  
 UV : 375 nm (in MeOH)  
 PL : 440 nm (in MeOH)  
 Solubility : Soluble in MeOH



### LT-N4027 | PFN-DOF

Poly[(9,9-bis(3'-((*N,N*-dimethylamino)propyl)-2,7-fluorene)-*alt*-2,7-(9,9-dioctylfluorene)]

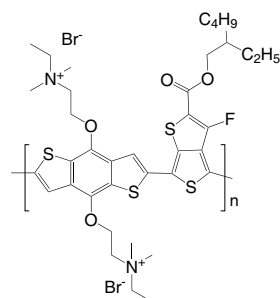
CAS No. : 673474-75-4  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>52</sub>H<sub>70</sub>N<sub>2</sub>)<sub>n</sub>  
 UV : 378 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 414 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 Solubility : Soluble in CH<sub>2</sub>Cl<sub>2</sub>, CHCl<sub>3</sub>, Toluene



### LT-S9274 | PTB7-NBr

Poly[4,8-bis((*N,N*-dimethyl)-*N*-ethylammonium)propyloxy)benzo[1,2-*b*:4,5-*b'*]dithiophene-2,6-diyl-*alt*-3-fluoro-2-[(2-ethylhexyl)carbonyl]thieno[3,4-*b'*]thiophene-4,6-diyl]

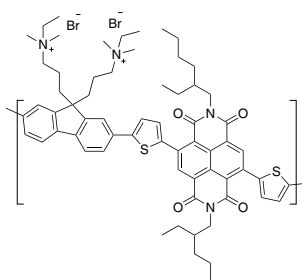
CAS No. : 2092936-05-3  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>37</sub>H<sub>51</sub>Br<sub>2</sub>FN<sub>2</sub>O<sub>4</sub>S<sub>4</sub>)<sub>n</sub>



### LT-S9289 | PNDIT-F3N-Br

Poly[[2,7-bis(2-ethylhexyl)-1,2,3,6,7,8-hexahydro-1,3,6,8-tetraoxobenzo[*lmn*][3,8]phenanthroline-4,9-diyl]-2,5-thiophenediyl[9,9-bis(3'-((*N,N*-dimethyl)-*N*-ethylammonium)-propyl)-9H-fluorene-2,7-diyl]-2,5-thiophenediyl]

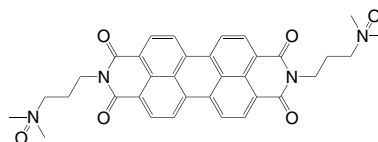
CAS No. : 2169941-79-9  
 Grade : Mw > 10,000 (GPC)  
 Formula : (C<sub>65</sub>H<sub>80</sub>Br<sub>2</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>  
 UV : 380, 580 nm (in Methanol)



### LT-S9479 | PDINO

2,9-Bis[3-(dimethylamino)propyl]anthra[2,1,9-*def*:6,5,10-*d'e'f'*]diisoquinoline-1,3,8,10(2H,9H)-tetrone

CAS No. : 1558023-86-1  
 Grade : >97%  
 Formula : C<sub>34</sub>H<sub>32</sub>N<sub>4</sub>O<sub>6</sub>  
 M.W. : 592.64 g/mole  
 HOMO : -6.21 eV  
 LUMO : -3.63 eV

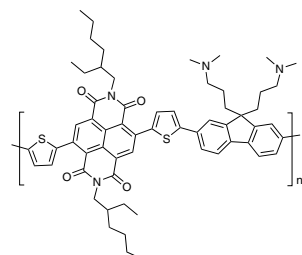


### LT-S9490 | PNDIT-F3N

**NEW**

Poly[[2,7-bis(2-ethylhexyl)-1,2,3,6,7,8-hexahydro-1,3,6,8-tetraoxobenzo[*lmn*][3,8]phenanthroline-4,9-diyl]-2,5-thiophenediyl[9,9-bis(3'-((*N,N*-dimethyl)-*N*-ethylamino)propyl)-9H-fluorene-2,7-diyl]-2,5-thiophenediyl]

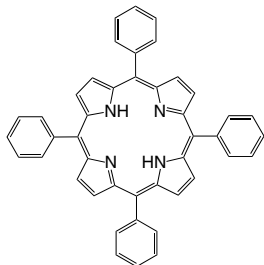
CAS No. : 1800206-46-5  
 Grade : Mw > 10,000  
 Formula : (C<sub>61</sub>H<sub>70</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>)<sub>n</sub>



### LT-D0001 | H<sub>2</sub>TTP

*meso*-Tetraphenylporphine

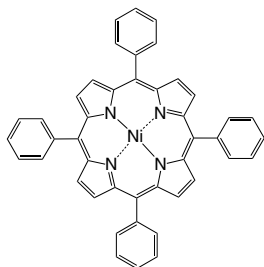
CAS No. : 917-23-7  
 Grade : >98% (HPLC)  
 Formula : C<sub>44</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. : 614.75 g/mole  
 UV : 415 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-D0002 | NiTPP

Nickel(II) *meso*-tetraphenylporphine

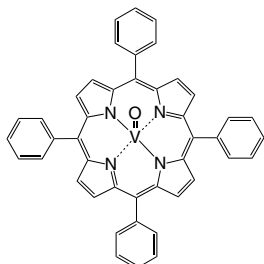
CAS No. : 14172-92-0  
 Grade : >98% (NMR)  
 Formula : C<sub>44</sub>H<sub>28</sub>N<sub>4</sub>Ni  
 M.W. : 671.41 g/mole



### LT-D0003 |

Vanadyl *meso*-tetraphenylporphine

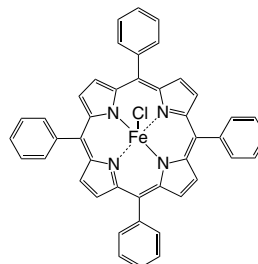
CAS No. : 14705-63-6  
 Grade : >97% (HPLC)  
 Formula : C<sub>44</sub>H<sub>28</sub>N<sub>4</sub>O  
 M.W. : 679.66 g/mole  
 UV : 423 nm (in THF)



### LT-D0004 |

Iron(III) *meso*-tetraphenylporphine chloride

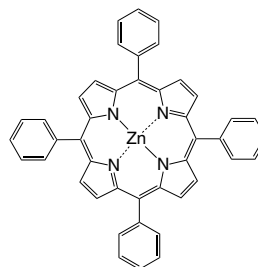
CAS No. : 16456-81-8  
 Grade : >98% (HPLC)  
 Formula : C<sub>44</sub>H<sub>28</sub>ClFeN<sub>4</sub>  
 M.W. : 704.02 g/mole



### LT-D0005 | ZnTPP

Zinc(II) *meso*-tetraphenylporphine

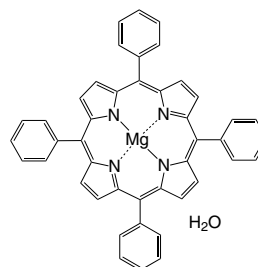
CAS No. : 14074-80-7  
 Grade : >98% (HPLC)  
 Formula : C<sub>44</sub>H<sub>28</sub>N<sub>4</sub>Zn  
 M.W. : 678.11 g/mole



### LT-D0006 |

Magnesium(II) *meso*-tetraphenylporphine hydrate

CAS No. : 14640-21-2  
 Grade : >95% (NMR)  
 Formula : C<sub>44</sub>H<sub>30</sub>MgN<sub>4</sub>O  
 M.W. : 655.04 g/mole

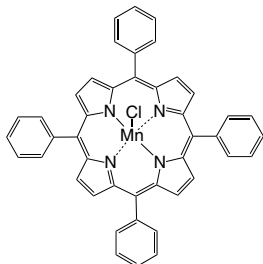




### LT-D0007

Manganese(III) *meso*-tetraphenylporphine chloride

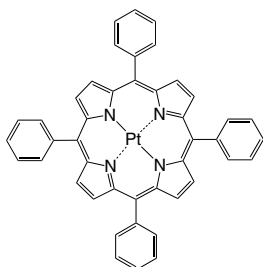
CAS No. : 32195-55-4  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{28}ClMnN_4$   
 M.W. : 703.11 g/mole



### LT-D0008

Platinum(II) *meso*-tetraphenylporphine

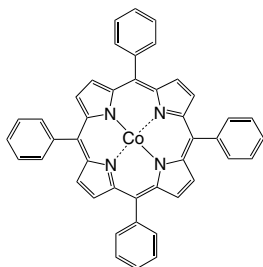
CAS No. : 14187-14-5  
 Grade : >98% (HPLC)  
 Formula :  $C_{44}H_{28}N_4Pt$   
 M.W. : 807.8 g/mole



### LT-D0009

Cobalt(II) *meso*-tetraphenylporphine

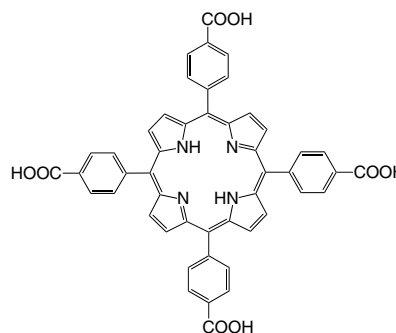
CAS No. : 14172-90-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{44}H_{28}CoN_4$   
 M.W. : 671.65 g/mole



### LT-D0010

$H_2$ TCPP  
*meso*-Tetra(4-carboxyphenyl)porphine

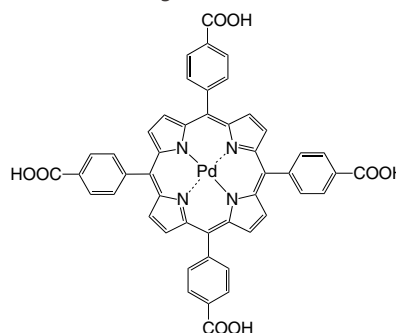
CAS No. : 14609-54-2  
 Grade : >97% (HPLC)  
 Formula :  $C_{48}H_{30}N_4O_8$   
 M.W. : 790.79 g/mole  
 UV : 411 nm (in  $CH_2Cl_2$ )



### LT-D0011

Palladium(II) *meso*-tetra(4-carboxyphenyl)porphine

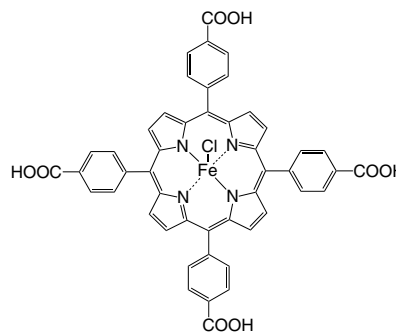
CAS No. : 94288-44-5  
 Grade : >95% (NMR)  
 Formula :  $C_{48}H_{28}N_4O_8Pd$   
 M.W. : 895.18 g/mole



### LT-D0012

Iron(III) *meso*-tetra(4-carboxyphenyl)porphine chloride

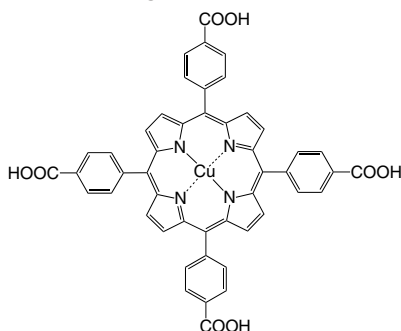
CAS No. : 55266-17-6  
 Grade : >95%  
 Formula :  $C_{48}H_{28}ClFeN_4O_8$   
 M.W. : 880.06 g/mole



### LT-D0013 | CuTCPP

Copper(II) *meso*-tetra(4-carboxyphenyl)porphine

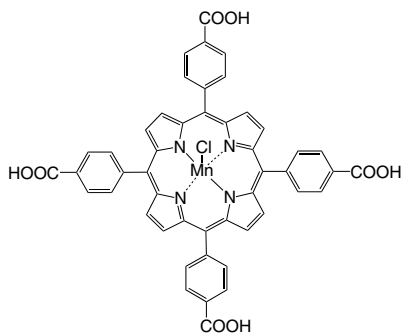
CAS No. : 130726-41-9  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{28}CuN_4O_8$   
 M.W. : 852.3 g/mole



### LT-D0014 |

Manganese(III) *meso*-tetra(4-carboxyphenyl)porphine chloride

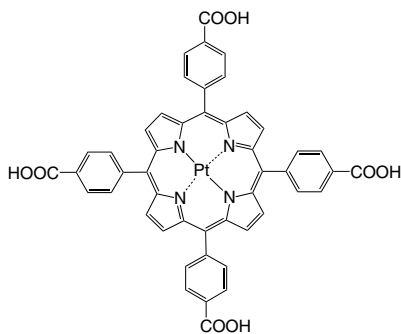
CAS No. : 55266-18-7  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{28}ClMnN_4O_8$   
 M.W. : 879.15 g/mole



### LT-D0015 | PtTCPP

Platinum(II) *meso*-tetra(4-carboxyphenyl)porphine

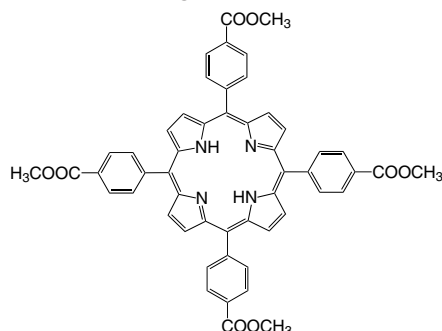
CAS No. : 94288-45-6  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{28}N_4O_8Pt$   
 M.W. : 983.84 g/mole



### LT-D0016 |

*meso*-Tetra(4-carboxyphenyl)porphine tetramethyl ester

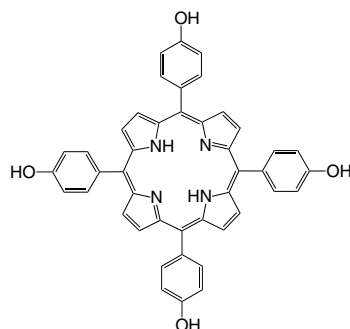
CAS No. : 22112-83-0  
 Grade : >98% (NMR)  
 Formula :  $C_{52}H_{38}N_4O_8$   
 M.W. : 846.88 g/mole



### LT-D0017 |

*meso*-Tetra(*p*-hydroxyphenyl)porphine

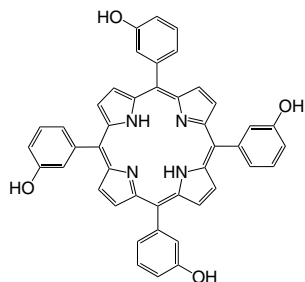
CAS No. : 51094-17-8  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{30}N_4O_4$   
 M.W. : 678.73 g/mole  
 UV : 421 nm (in  $CH_2Cl_2$ )



### LT-D0018 |

*meso*-Tetra(3-hydroxyphenyl)porphine

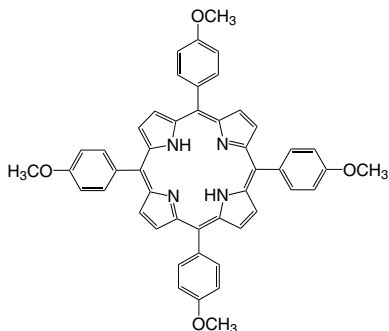
CAS No. : 22112-79-4  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{30}N_4O_4$   
 M.W. : 678.73 g/mole



### LT-D0019

*meso*-Tetra(4-methoxyphenyl)porphine

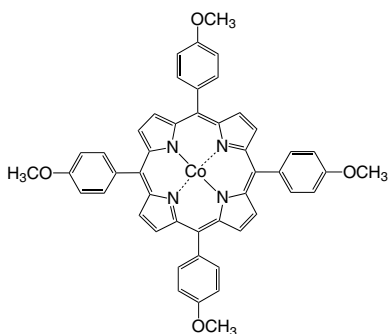
CAS No. : 22112-78-3  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{38}N_4O_4$   
 M.W. : 734.86 g/mole  
 UV : 424 nm (in  $CH_2Cl_2$ )



### LT-D0020

Cobalt(II) *meso*-Tetra(4-methoxyphenyl)porphine

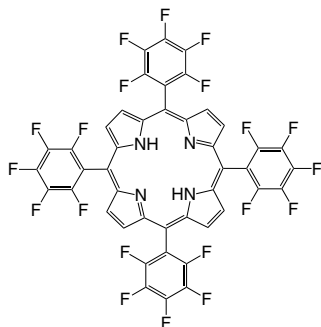
CAS No. : 28903-71-1  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{36}CoN_4O_4$   
 M.W. : 791.77 g/mole



### LT-D0021

*meso*-Tetra(pentafluorophenyl)porphine

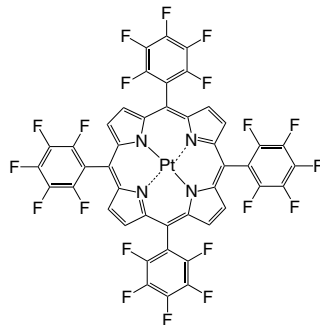
CAS No. : 25440-14-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{44}H_{10}F_{20}N_4$   
 M.W. : 974.56 g/mole  
 UV : 416 nm (in  $CH_2Cl_2$ )



### LT-D0022

Platinum(II) *meso*-tetra(pentafluorophenyl)porphine

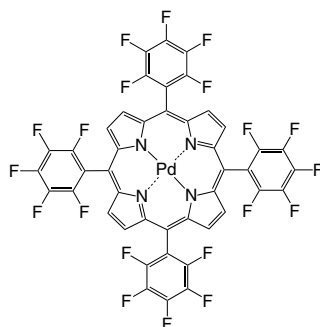
CAS No. : 109781-47-7  
 Grade : >98% (HPLC)  
 Formula :  $C_{44}H_8F_{20}N_4Pt$   
 M.W. : 1167.61 g/mole



### LT-D0023

Palladium(II) *meso*-tetra(pentafluorophenyl)porphine

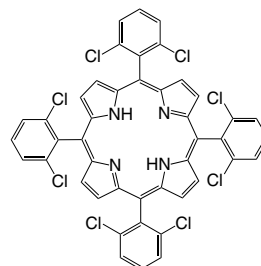
CAS No. : 72076-09-6  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_8F_{20}N_4Pd$   
 M.W. : 1078.95 g/mole  
 UV : 400 nm (in Acetone)



### LT-D0024

*meso*-Tetra(*o*-dichlorophenyl)porphine

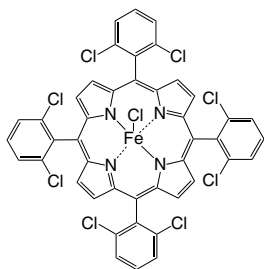
CAS No. : 37083-37-7  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{22}Cl_8N_4$   
 M.W. : 890.29 g/mole



### LT-D0025

Iron(III) *meso*-tetra(*o*-dichlorophenyl)porphine chloride

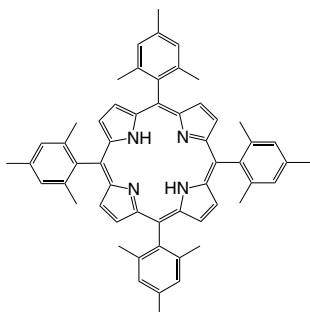
CAS No. : 91042-27-2  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{20}Cl_9FeN_4$   
 M.W. : 979.58 g/mole



### LT-D0026

*meso*-Tetra(2,4,6-trimethylphenyl)porphine

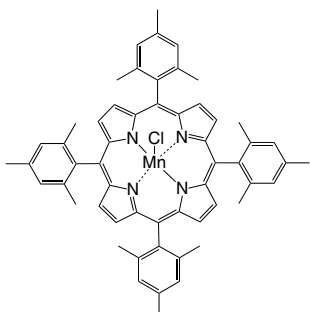
CAS No. : 56396-12-4  
 Grade : >98% (NMR)  
 Formula :  $C_{56}H_{54}N_4$   
 M.W. : 783.08 g/mole



### LT-D0027

Manganese(III) *meso*-tetra(2,4,6-trimethylphenyl)porphine chloride

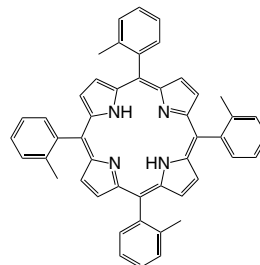
CAS No. : 85939-49-7  
 Grade : >95% (NMR)  
 Formula :  $C_{56}H_{52}ClMnN_4$   
 M.W. : 871.43 g/mole



### LT-D0028

*meso*-Tetra(2-methylphenyl)porphine

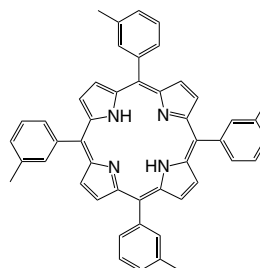
CAS No. : 37083-40-2  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{38}N_4$   
 M.W. : 670.84 g/mole



### LT-D0029

*meso*-Tetra(3-methylphenyl)porphine

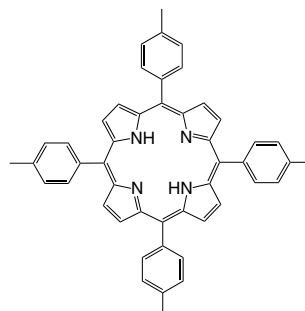
CAS No. : 50849-45-1  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{38}N_4$   
 M.W. : 670.84 g/mole



### LT-D0030

*meso*-Tetra(4-methylphenyl)porphine

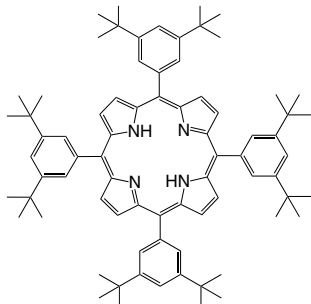
CAS No. : 14527-51-6  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{38}N_4$   
 M.W. : 670.84 g/mole



### LT-D0031

*meso*-Tetra(3,5-di-*t*-butylphenyl)porphine

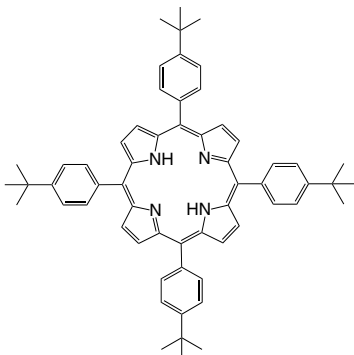
CAS No. : 89372-90-7  
 Grade : >98% (NMR)  
 Formula :  $C_{76}H_{94}N_4$   
 M.W. : 1063.59 g/mole



### LT-D0032

*meso*-Tetra(4-*tert*-butylphenyl)porphine

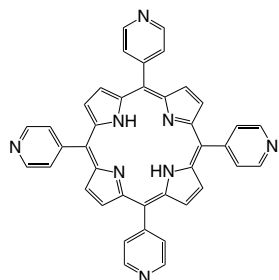
CAS No. : 110452-48-7  
 Grade : >98% (NMR)  
 Formula :  $C_{60}H_{62}N_4$   
 M.W. : 839.16 g/mole



### LT-D0033

*meso*-Tetra(4-pyridyl)porphine

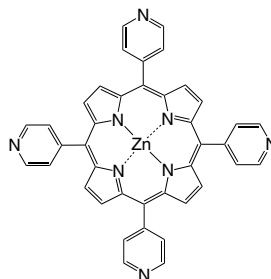
CAS No. : 16834-13-2  
 Grade : >98% (NMR)  
 Formula :  $C_{40}H_{26}N_8$   
 M.W. : 618.69 g/mole  
 Density :  $1.4 \pm 0.1 \text{ g/cm}^3$



### LT-D0034

Zinc(II) *meso*-tetra(4-pyridyl)porphine

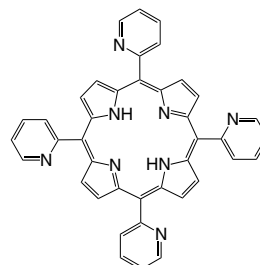
CAS No. : 31183-11-6  
 Grade : >98% (NMR)  
 Formula :  $C_{40}H_{24}N_8Zn$   
 M.W. : 682.06 g/mole



### LT-D0035

*meso*-Tetra(2-pyridyl)porphine

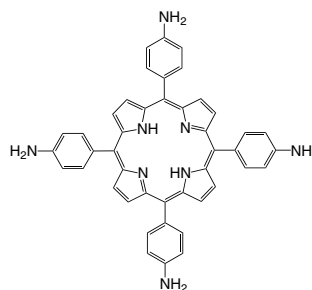
CAS No. : 40904-90-3  
 Grade : >98% (NMR)  
 Formula :  $C_{40}H_{26}N_8$   
 M.W. : 618.69 g/mole



### LT-D0036 H2TAPP

*meso*-Tetra(4-aminophenyl)porphine

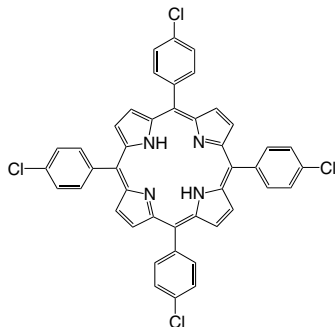
CAS No. : 22112-84-1  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{34}N_8$   
 M.W. : 674.81 g/mole



### LT-D0037

*meso*-Tetra(4-chlorophenyl)porphine

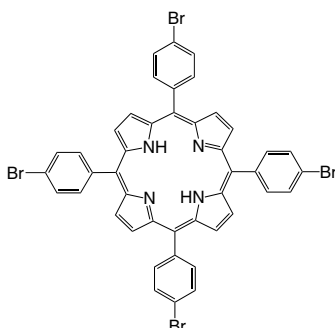
CAS No. : 22112-77-2  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{26}Cl_4N_4$   
 M.W. : 752.52 g/mole



### LT-D0038

*meso*-Tetra(4-bromophenyl)porphine

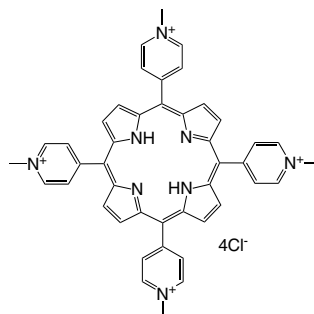
CAS No. : 29162-73-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{44}H_{26}Br_4N_4$   
 M.W. : 930.32 g/mole



### LT-D0039

*meso*-Tetra(*N*-methyl-4-pyridyl)porphine tetrachloride

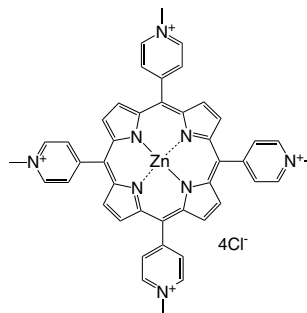
CAS No. : 92739-63-4  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{38}Cl_4N_8$   
 M.W. : 820.64 g/mole



### LT-D0040

Zinc(II) *meso*-tetra(*N*-methyl-4-pyridyl)porphine tetrachloride

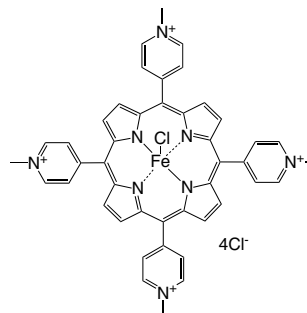
CAS No. : 28850-44-4  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{36}Cl_4N_8Zn$   
 M.W. : 884.03 g/mole



### LT-D0041

Iron(III) *meso*-tetra(*N*-methyl-4-pyridyl)porphine pentachloride

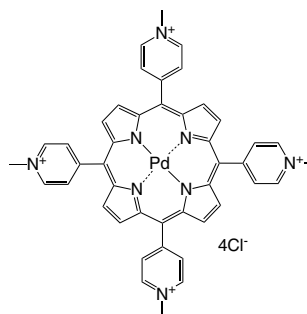
CAS No. : 133314-07-5  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{36}Cl_5FeN_8$   
 M.W. : 909.92 g/mole



### LT-D0042

Palladium(II) *meso*-tetra(*N*-methyl-4-pyridyl)porphine tetrachloride

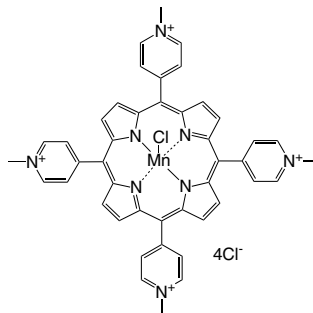
CAS No. : 110314-07-3  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{36}Cl_4N_8Pd$   
 M.W. : 925.04 g/mole



### LT-D0043

Manganese(III) *meso*-tetra(*N*-methyl-4-pyridyl)porphine pentachloride

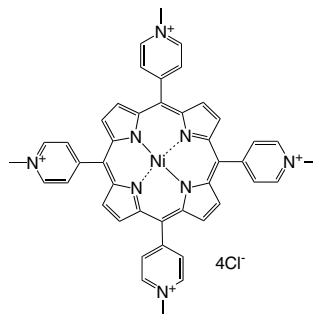
CAS No. : 125565-45-9  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{36}Cl_5MnN_8$   
 M.W. : 909.01 g/mole  
 UV : 462 nm (in  $CH_2Cl_2$ )



### LT-D0044

Nickel(II) *meso*-tetra(*N*-methyl-4-pyridyl)porphine tetrachloride

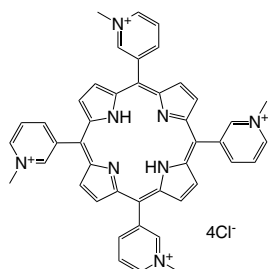
CAS No. : 79407-86-6  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{36}Cl_4NiN_8$   
 M.W. : 877.32 g/mole



### LT-D0045

*meso*-Tetra(*N*-methyl-3-pyridyl)porphine tetrachloride

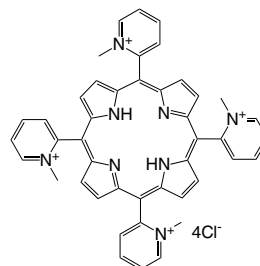
CAS No. : 94343-62-1  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{38}Cl_4N_8$   
 M.W. : 820.64 g/mole



### LT-D0046

*meso*-Tetra(*N*-methyl-3-pyridyl)porphine tetrachloride

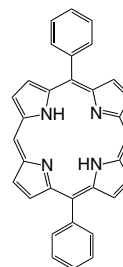
CAS No. : 129051-18-9  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{38}Cl_4N_8$   
 M.W. : 820.64 g/mole



### LT-D0047 H<sub>2</sub>DPP

5,15-Diphenylporphine

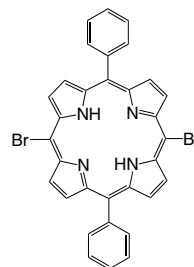
CAS No. : 22112-89-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{32}H_{22}N_4$   
 M.W. : 462.56 g/mole



### LT-D0048 H<sub>2</sub>DPPBr<sub>2</sub>

5,15-Dibromo-10,20-diphenylporphine

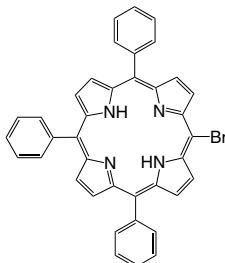
CAS No. : 151256-86-9  
 Grade : >98% (HPLC)  
 Formula :  $C_{32}H_{20}Br_2N_4$   
 M.W. : 620.34 g/mole



### LT-D0049

#### 5-Bromo-10,15,20-triphenylporphine

CAS No. : 67066-09-5  
 Grade : >95%  
 Formula :  $C_{38}H_{25}BrN_4$   
 M.W. : 617.54 g/mole

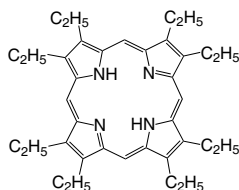


### LT-D0050

#### H<sub>2</sub>OEP

#### Octaethylporphine

CAS No. : 2683-82-1  
 Grade : >97% (HPLC)  
 Formula :  $C_{36}H_{46}N_4$   
 M.W. : 534.78 g/mole

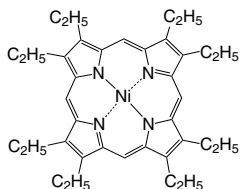


### LT-D0051

#### NiOEP

#### Nickel(II) octaethylporphine

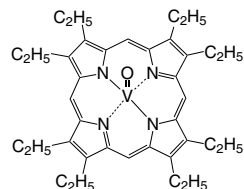
CAS No. : 24803-99-4  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{44}N_4Ni$   
 M.W. : 591.45 g/mole



### LT-D0052

#### Vanadyl octaethylporphine

CAS No. : 27860-55-5  
 Grade : >95% (NMR)  
 Formula :  $C_{36}H_{44}N_4OV$   
 M.W. : 599.7 g/mole  
 UV : 407 nm (in THF)

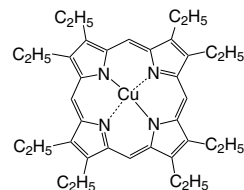


### LT-D0053

#### CuOEP

#### Copper(II) octaethylporphine

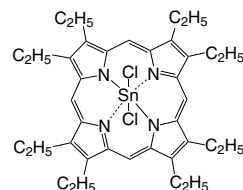
CAS No. : 14409-63-3  
 Grade : >98% (HPLC)  
 Formula :  $C_{36}H_{44}CuN_4$   
 M.W. : 596.31 g/mole



### LT-D0054

#### Tin(IV) octaethylporphine dichloride

CAS No. : 25777-43-9  
 Grade : >98%  
 Formula :  $C_{36}H_{44}Cl_2N_4Sn$   
 M.W. : 722.38 g/mole

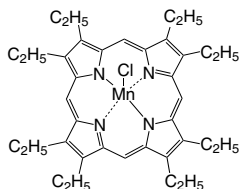




### LT-D0055

Manganese(III) octaethylporphine chloride

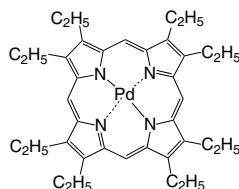
CAS No. : 28265-17-0  
 Grade : >98%  
 Formula :  $C_{36}H_{44}ClMnN_4$   
 M.W. : 623.15 g/mole



### LT-D0056

Palladium(II) octaethylporphine

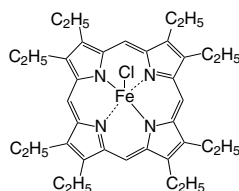
CAS No. : 24804-00-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{36}H_{44}N_4Pd$   
 M.W. : 639.18 g/mole  
 UV : 393 nm (in THF)



### LT-D0057

Iron(III) octaethylporphine chloride

CAS No. : 28755-93-3  
 Grade : >98%  
 Formula :  $C_{36}H_{44}ClFeN_4$   
 M.W. : 624.06 g/mole

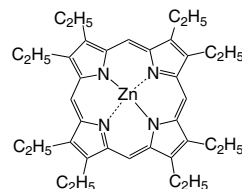


### LT-D0058

ZnOEP

Zinc(II) octaethylporphine

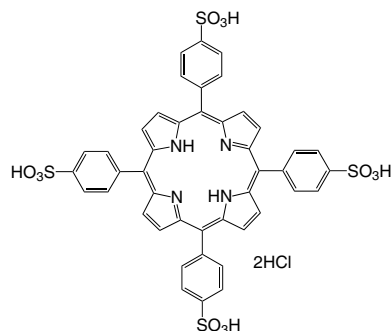
CAS No. : 17632-18-7  
 Grade : >98%  
 Formula :  $C_{36}H_{44}N_4Zn$   
 M.W. : 598.17 g/mole  
 UV : 400 nm (in THF)



### LT-D0062

*meso*-Tetra(4-sulfonatophenyl)porphine dihydrochloride

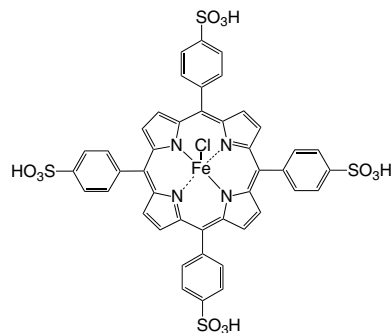
Grade : >95%  
 Formula :  $C_{44}H_{32}Cl_2N_4O_{12}S_4$   
 M.W. : 1007.99 g/mole



### LT-D0063

Iron(III) *meso*-tetra(4-sulfonatophenyl)porphine chloride (acid form)

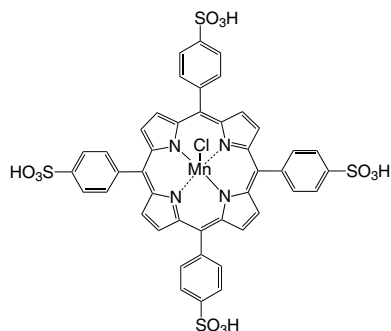
CAS No. : 90384-82-0  
 Grade : >95%  
 Formula :  $C_{44}H_{28}ClFeN_4O_{12}S_4$   
 M.W. : 1024.27 g/mole



### LT-D0064

Manganese(III)*meso*-tetra(4-sulfonatophenyl)porphine chloride (acid form)

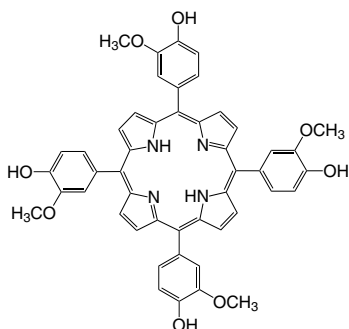
CAS No. : 221176-50-7  
 Grade : >95%  
 Formula :  $C_{44}H_{28}ClMnN_4O_{12}S_4$   
 M.W. : 1023.36 g/mole



### LT-D0065

*meso*-Tetra(3-methoxy-4-hydroxyphenyl)porphine

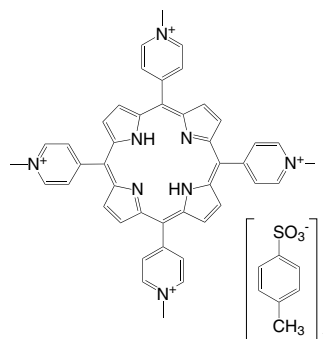
CAS No. : 22112-80-7  
 Grade : >95% (NMR)  
 Formula :  $C_{48}H_{38}N_4O_8$   
 M.W. : 798.84 g/mole



### LT-D0066

*meso*-Tetra(*N*-methyl-4-pyridyl)porphine tetratosylate

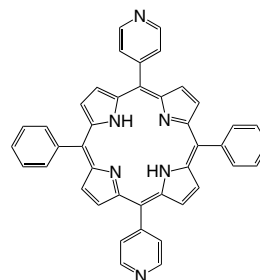
CAS No. : 36951-72-1  
 Grade : >95%  
 Formula :  $C_{72}H_{66}N_8O_{12}S_4$   
 M.W. : 1363.6 g/mole  
 UV : 421 nm



### LT-D0068

5,15-Diphenyl-10,20-di(4-pyridyl)-21*H*,23*H*-porphine

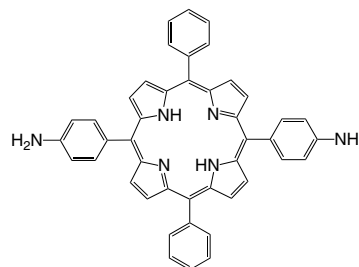
CAS No. : 71410-72-5  
 Grade : >98% (NMR)  
 Formula :  $C_{42}H_{28}N_6$   
 M.W. : 616.71 g/mole



### LT-D0069 trans-DATPP

5,15-Di(4-aminophenyl)-10,20-diphenyl porphine

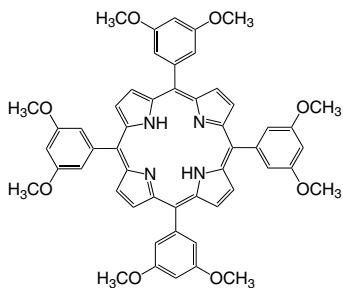
CAS No. : 116206-75-8  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{32}N_6$   
 M.W. : 644.77 g/mole



### LT-D0074

5,10,15,20-Tetrakis(3,5-dimethoxyphenyl)porphyrin

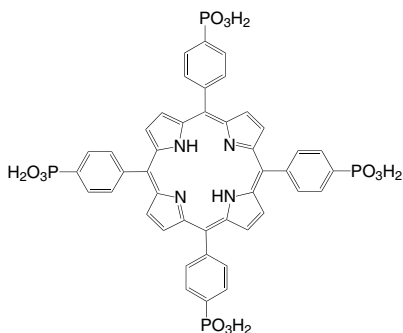
CAS No. : 74684-34-7  
 Grade : >95% (NMR)  
 Formula :  $C_{52}H_{46}N_4O_8$   
 M.W. : 854.96 g/mole



### LT-D0075

5,10,15,20-Tetrakis(4-phosphonatophenyl)porphyrin

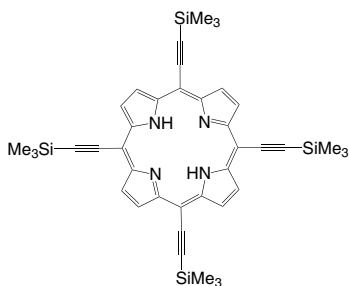
CAS No. : 143969-69-1  
 Grade : >95%  
 Formula :  $C_{44}H_{34}N_4O_{12}P_4$   
 M.W. : 934.66 g/mole



### LT-D0076

5,10,15,20-Tetra(trimethylsilylethynyl)porphyrin

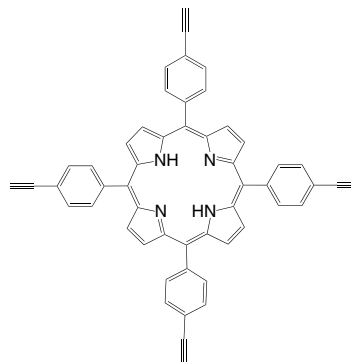
CAS No. : 140702-08-5  
 Grade : >95% (NMR)  
 Formula :  $C_{40}H_{46}N_4Si_4$   
 M.W. : 695.16 g/mole



### LT-D0077 | TEPP

5,10,15,20-Tetra(4-ethynylphenyl)porphyrin

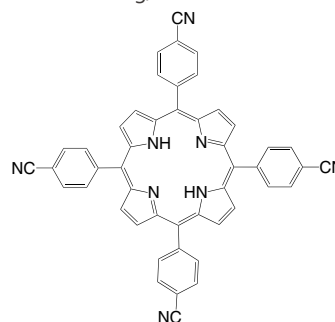
CAS No. : 160240-15-3  
 Grade : >98% (NMR)  
 Formula :  $C_{52}H_{30}N_4$   
 M.W. : 710.82 g/mole



### LT-D0078 | H2TCNPP

5,10,15,20-Tetra(4-cyanophenyl)porphyrin

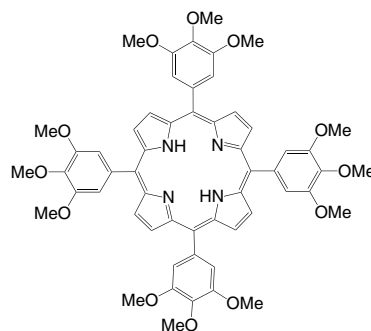
CAS No. : 14609-51-9  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{26}N_8$   
 M.W. : 714.77 g/mole



### LT-D0079

5,10,15,20-Tetra(3,4,5-trimethoxyphenyl)porphyrin

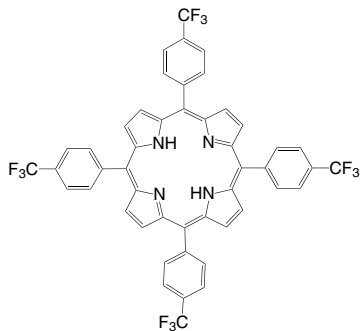
CAS No. : 74684-35-8  
 Grade : >98% (NMR)  
 Formula :  $C_{56}H_{54}N_4O_{12}$   
 M.W. : 975.05 g/mole



### LT-D0080

5,10,15,20-Tetra(4-trifluoromethylphenyl)porphyrin

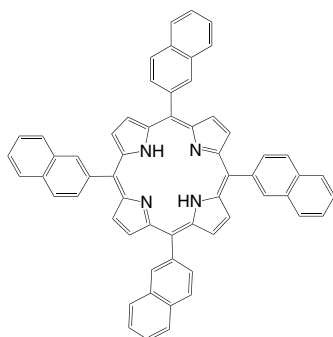
CAS No. : 56420-24-7  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{26}F_{12}N_4$   
 M.W. : 886.73 g/mole



### LT-D0081

5,10,15,20-Tetra(2-naphthalenyl)porphyrin

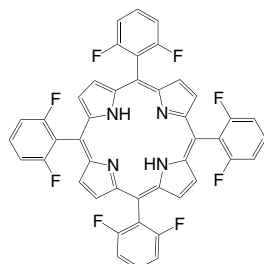
CAS No. : 132055-60-8  
 Grade : >98% (NMR)  
 Formula :  $C_{60}H_{38}N_4$   
 M.W. : 814.97 g/mole



### LT-D0082

5,10,15,20-Tetra(2,6-difluorophenyl)porphyrin

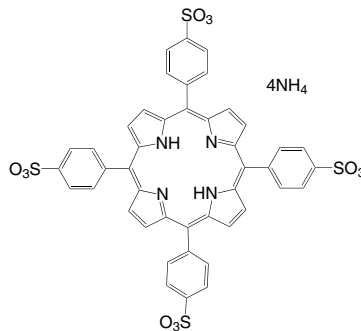
CAS No. : 104322-39-6  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{22}F_8N_4$   
 M.W. : 758.66 g/mole



### LT-D0083

5,10,15,20-Tetra(4-sulfonatophenyl)porphyrin tetraammonium

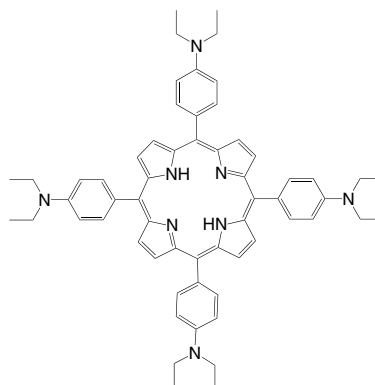
CAS No. : 39174-47-5  
 Grade : >95%  
 Formula :  $C_{44}H_{42}N_8O_{12}S_4$   
 M.W. : 1003.11 g/mole



### LT-D0084

5,10,15,20-Tetra(*N,N*-diethyl-4-aminophenyl)porphyrin

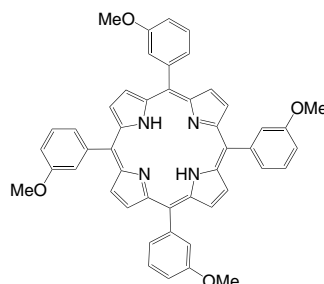
CAS No. : 14609-52-0  
 Grade : >95% (NMR)  
 Formula :  $C_{60}H_{66}N_8$   
 M.W. : 899.22 g/mole



### LT-D0085

5,10,15,20-Tetra(3-methoxyphenyl)porphyrin

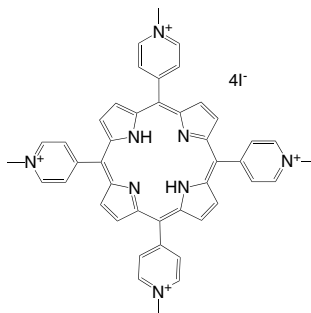
CAS No. : 29114-93-0  
 Grade : >98% (NMR)  
 Formula :  $C_{48}H_{38}N_4O_4$   
 M.W. : 734.84 g/mole



### LT-D0086

5,10,15,20-Tetra(*N*-methyl-4-pyridyl)porphyrin tetraiodide

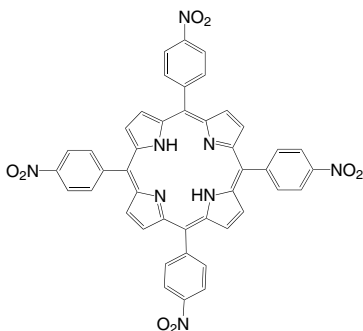
CAS No. : 36674-90-5  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{38}I_4N_8$   
 M.W. : 1186.44 g/mole



### LT-D0087

5,10,15,20-Tetra(4-nitrophenyl)porphyrin

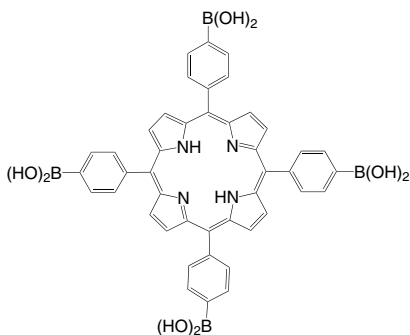
CAS No. : 22843-73-8  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{26}N_8O_8$   
 M.W. : 794.73 g/mole



### LT-D0088

5,10,15,20-Tetra(4-dihydroxyborylphenyl)porphyrin

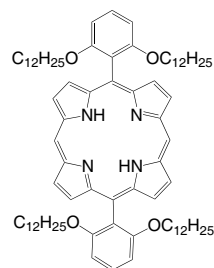
CAS No. : 97654-08-5  
 Grade : >95%  
 Formula :  $C_{44}H_{34}B_4N_4O_8$   
 M.W. : 790.01 g/mole



### LT-D0089

5,15-Di(2,6-dodecyloxyphenyl)porphyrin

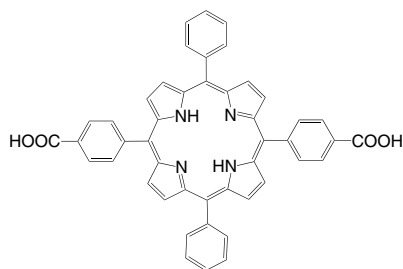
CAS No. : 2098053-76-8  
 Grade : >98% (NMR)  
 Formula :  $C_{80}H_{118}N_4O_4$   
 M.W. : 1199.82 g/mole



### LT-D0090

5,15-Di(4-carboxyphenyl)-10,20-diphenylporphyrin

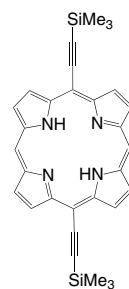
CAS No. : 142168-26-1  
 Grade : >98% (NMR)  
 Formula :  $C_{46}H_{30}N_4O_4$   
 M.W. : 702.75 g/mole



### LT-D0091

5,15-Di(trimethylsilyl ethynyl)porphyrin

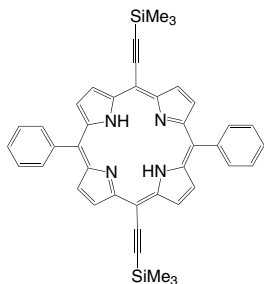
CAS No. : 220676-02-8  
 Grade : >98% (NMR)  
 Formula :  $C_{30}H_{30}N_4Si_2$   
 M.W. : 502.76 g/mole



### LT-D0092

5,15-Di(trimethylsilylethynyl)-10,20-diphenylporphyrin

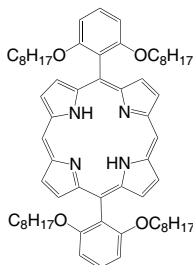
CAS No. : 186382-65-0  
 Grade : >98% (NMR)  
 Formula :  $C_{42}H_{38}N_4Si_2$   
 M.W. : 654.95 g/mole



### LT-D0093

5,15-Di(2,6-octyloxyphenyl)porphyrin

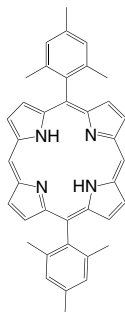
CAS No. : 1350927-85-3  
 Grade : >98% (NMR)  
 Formula :  $C_{64}H_{86}N_4O_4$   
 M.W. : 975.39 g/mole



### LT-D0094

5,15-Dimesitylporphyrin

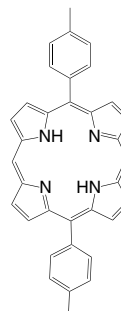
CAS No. : 382138-82-1  
 Grade : >98% (NMR)  
 Formula :  $C_{38}H_{34}N_4$   
 M.W. : 546.7 g/mole



### LT-D0095

5,15-Di(p-tolyl)porphyrin

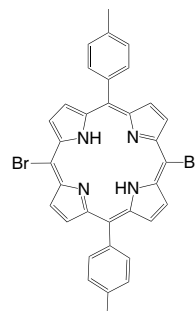
CAS No. : 128374-05-0  
 Grade : >98% (NMR)  
 Formula :  $C_{34}H_{26}N_4$   
 M.W. : 490.6 g/mole



### LT-D0096

5,15-Di(p-tolyl)-10,20-dibromoporphyrin

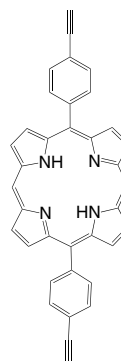
CAS No. : 460088-30-6  
 Grade : >98% (NMR)  
 Formula :  $C_{34}H_{24}Br_2N_4$   
 M.W. : 648.39 g/mole



### LT-D0097

5,15-Di(4-ethynylphenyl)porphyrin

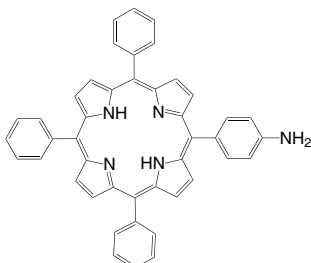
CAS No. : 632301-81-6  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{22}N_4$   
 M.W. : 510.59 g/mole



### LT-D0098

5-(4-Aminophenyl)-10,15,20-triphenylporphyrin

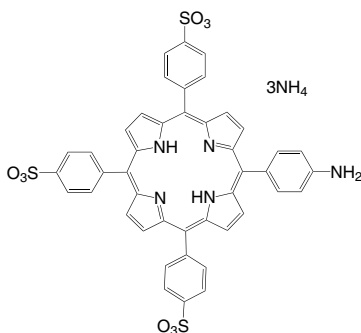
CAS No. : 67605-64-5  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{31}N_5$   
 M.W. : 629.75 g/mole



### LT-D0099

5-(4-Aminophenyl)-10,15,20-tri(4-sulfonatophenyl)porphyrin triammonium

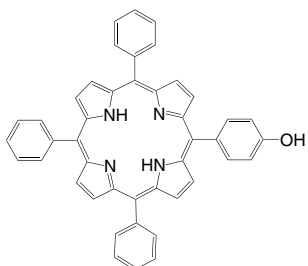
CAS No. : 1007126-46-6  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{40}N_8O_9S_3$   
 M.W. : 921.03 g/mole



### LT-D0100

5-(4-Hydroxyphenyl)-10,15,20-triphenylporphyrin

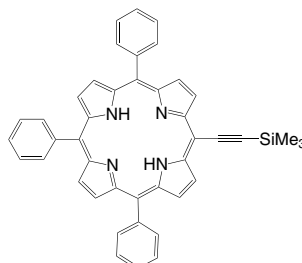
CAS No. : 87345-22-0  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{30}N_4O$   
 M.W. : 630.74 g/mole



### LT-D0101

5-(Trimethylsilylethynyl)-10,15,20-triphenylporphyrin

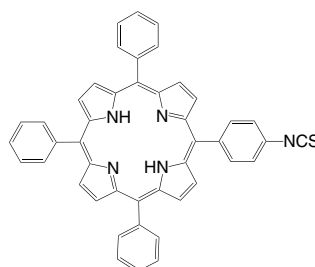
CAS No. : 1205553-90-7  
 Grade : >98% (NMR)  
 Formula :  $C_{43}H_{34}N_4Si$   
 M.W. : 634.84 g/mole



### LT-D0102

5-(4-Isothiocyanatophenyl)-10,15,20-triphenylporphyrin

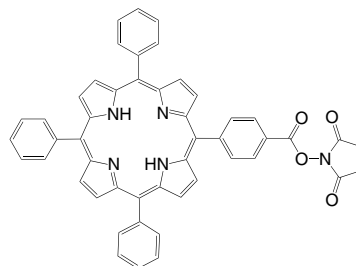
CAS No. : 863708-54-7  
 Grade : >98% (NMR)  
 Formula :  $C_{45}H_{29}N_5S$   
 M.W. : 671.81 g/mole



### LT-D0103

5-(4-Carboxyphenyl succinimide ester)-10,15,20-triphenylporphyrin

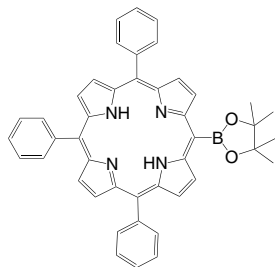
CAS No. : 145363-23-1  
 Grade : >98% (NMR)  
 Formula :  $C_{49}H_{33}N_5O_4$   
 M.W. : 755.8 g/mole2



### LT-D0104

5,10,15-Triphenyl-20-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)porphyrin

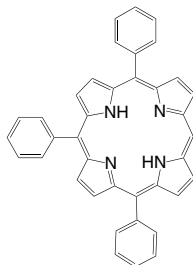
CAS No. : 1268697-66-0  
 Grade : >95% (NMR)  
 Formula :  $C_{44}H_{37}BN_4O_2$   
 M.W. : 664.6 g/mole



### LT-D0105

5,10,15-Triphenylporphyrin

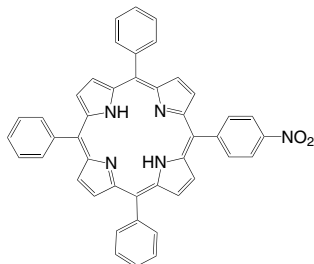
CAS No. : 67066-08-4  
 Grade : >98% (NMR)  
 Formula :  $C_{38}H_{26}N_4$   
 M.W. : 538.64 g/mole



### LT-D0106

5-(4-Nitrophenyl)-10,15,20-triphenylporphyrin

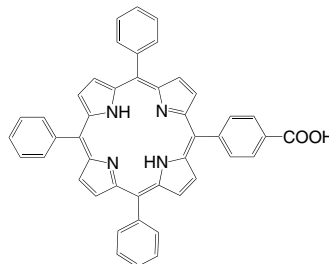
CAS No. : 67605-65-6  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{29}N_5O_2$   
 M.W. : 659.73 g/mole



### LT-D0107

5-(4-Carboxyphenyl)-10,15,20-triphenylporphyrin

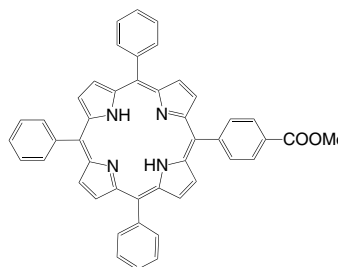
CAS No. : 95051-10-8  
 Grade : >98% (NMR)  
 Formula :  $C_{45}H_{30}N_4O_2$   
 M.W. : 658.75 g/mole



### LT-D0108

5-(4-Methoxycarbonylphenyl)-10,15,20-triphenylporphyrin

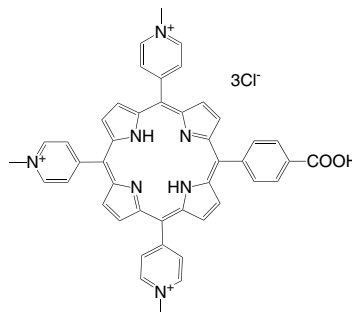
CAS No. : 119730-06-2  
 Grade : >98% (NMR)  
 Formula :  $C_{46}H_{32}N_4O_2$   
 M.W. : 672.77 g/mole



### LT-D0109

5-(4-Carboxyphenyl)-10,15,20-tri(N-methyl-4-pyridyl)porphyrin trichloride

CAS No. : 211360-21-3  
 Grade : >95%  
 Formula :  $C_{45}H_{36}Cl_3N_7O_2$   
 M.W. : 813.17 g/mole

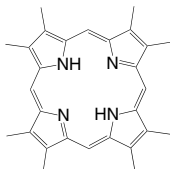




### LT-D0110

2,3,7,8,12,13,17,18-Octamethylporphyrin

CAS No. : 1257-25-6  
 Grade : >95% (NMR)  
 Formula :  $C_{28}H_{30}N_4$   
 M.W. : 422.56 g/mole

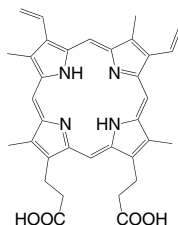


### LT-D0111

protoporphyrin IX

7,12-Diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid

CAS No. : 553-12-8  
 Grade : >97% (NMR)  
 Formula :  $C_{34}H_{34}N_4O_4$   
 M.W. : 562.66 g/mole

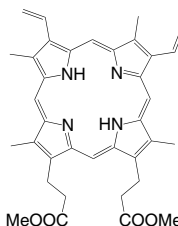


### LT-D0112

protoporphyrin IX dimethyl ester

7,12-Diethenyl-3,8,13,17-tetramethyl-21H,23H-Porphine-2,18-dipropanoic acid-2,18-dimethyl ester

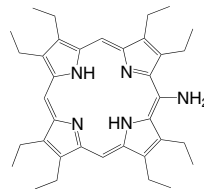
CAS No. : 5522-66-7  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{38}N_4O_4$   
 M.W. : 590.71 g/mole



### LT-D0113

5-Amino-2,3,7,8,12,13,17,18-octaethylporphyrin

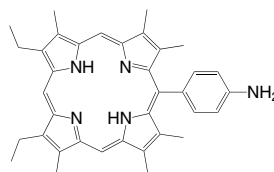
CAS No. : 3134-01-8  
 Grade : >95% (NMR)  
 Formula :  $C_{36}H_{47}N_5$   
 M.W. : 549.79 g/mole



### LT-D0114

5-(4-Aminophenyl)-2,3,7,8,12,18-hexamethyl-13,17-diethyl porphyrin

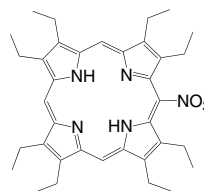
CAS No. : 1248395-23-4  
 Grade : >95% (NMR)  
 Formula :  $C_{36}H_{39}N_5$   
 M.W. : 541.73 g/mole



### LT-D0115

5-Nitro-2,3,7,8,12,13,17,18-octaethylporphyrin

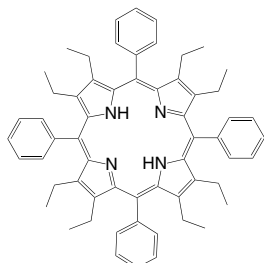
CAS No. : 3133-98-0  
 Grade : >95% (NMR)  
 Formula :  $C_{36}H_{45}N_5O_2$   
 M.W. : 579.77 g/mole



### LT-D0116

2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetraphenylporphyrin

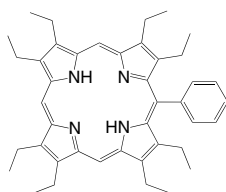
CAS No. : 63511-61-5  
 Grade : >95% (NMR)  
 Formula :  $C_{60}H_{62}N_4$   
 M.W. : 839.16 g/mole



### LT-D0117

5-Phenyl-2,3,7,8,12,13,17,18-octaethylporphyrin

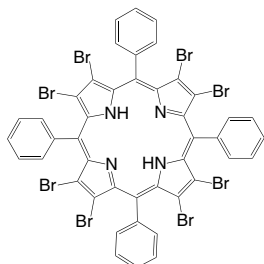
CAS No. : 60188-33-2  
 Grade : >98% (NMR)  
 Formula :  $C_{42}H_{50}N_4$   
 M.W. : 610.87 g/mole



### LT-D0118

2,3,7,8,12,13,17,18-Octabromo-5,10,15,20-tetraphenylporphyrin

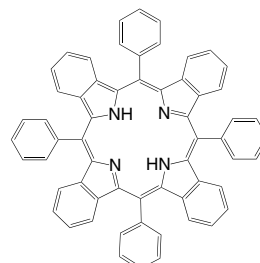
CAS No. : 131214-86-3  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{22}Br_8N_4$   
 M.W. : 1245.9 g/mole



### LT-D0119 H<sub>2</sub>TPBP

5,10,15,20-Tetraphenyltetrabenzoporphyrin

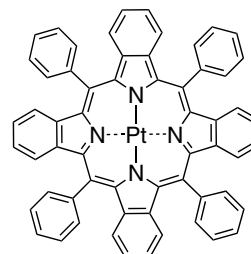
CAS No. : 80528-89-8  
 Grade : >95% (NMR)  
 Formula :  $C_{60}H_{38}N_4$   
 M.W. : 814.97 g/mole



### LT-N734 Pt(TPBP)

Platinum(II) 5,10,15,20-tetraphenyltetrabenzoporphyrin

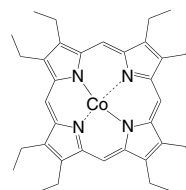
CAS No. : 166174-05-6  
 Grade : >96% (HPLC)  
 Formula :  $C_{60}H_{36}N_4Pt$   
 M.W. : 1008.03 g/mole  
 UV : 430, 610 nm (in THF)  
 PL : 765 nm (in THF)  
 TGA : >320 °C (0.5% weight loss)



### LT-D0120 CoOEP

Cobalt(II) 2,3,7,8,12,13,17,18-octaethylporphyrin

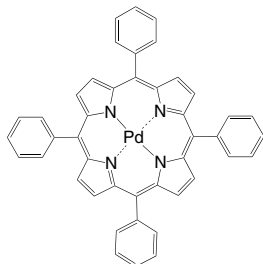
CAS No. : 17632-19-8  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{44}CoN_4$   
 M.W. : 591.69 g/mole



### LT-D0121 | PdTPP

Palladium(II) 5,10,15,20-tetraphenylporphyrin

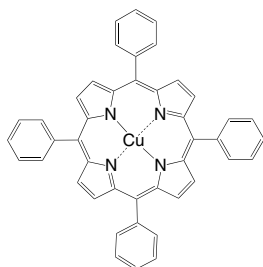
CAS No. : 14187-13-4  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{28}N_4Pd$   
 M.W. : 719.14 g/mole



### LT-D0122 | CuTPP

Copper(II) 5,10,15,20-tetraphenylporphyrin

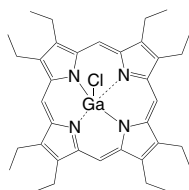
CAS No. : 14172-91-9  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{28}CuN_4$   
 M.W. : 676.27 g/mole



### LT-D0123 |

Gallium(III) 2,3,7,8,12,13,17,18-octaethylporphyrin chloride

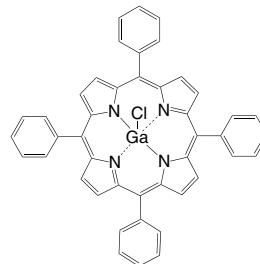
CAS No. : 87607-70-3  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{44}ClGaN_4$   
 M.W. : 637.94 g/mole



### LT-D0124 |

Gallium(III) 5,10,15,20-tetraphenylporphyrin chloride

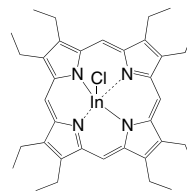
CAS No. : 78833-52-0  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{28}ClGaN_4$   
 M.W. : 717.9 g/mole



### LT-D0125 |

Indium(III) 2,3,7,8,12,13,17,18-octaethylporphyrin chloride

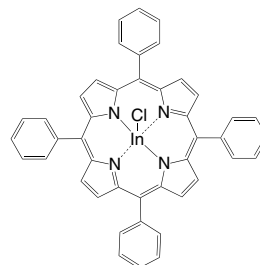
CAS No. : 32125-07-8  
 Grade : >98% (NMR)  
 Formula :  $C_{36}H_{44}ClInN_4$   
 M.W. : 683.03 g/mole



### LT-D0126 |

Indium(III) 5,10,15,20-tetraphenylporphyrin chloride

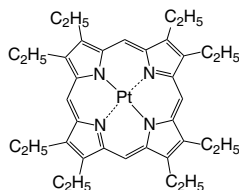
CAS No. : 63128-70-1  
 Grade : >98% (NMR)  
 Formula :  $C_{44}H_{28}ClInN_4$   
 M.W. : 762.99 g/mole



### LT-N752 | PtOEP

Platinum(II) octaethylporphine

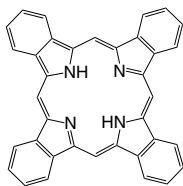
CAS No. : 31248-39-2  
 Grade : >95% (HPLC)  
 Formula :  $C_{36}H_{44}N_4Pt$   
 M.W. : 727.84 g/mole  
 UV : 389, 534 nm (in  $CH_2Cl_2$ )  
 PL :  $646 \pm 1$  nm (in  $CH_2Cl_2$ )  
 TGA : >290 °C (5% weight loss)



### LT-S9044 | BP

Tetrabenzoporphine

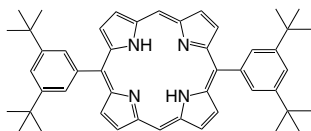
CAS No. : 52952-31-5  
 Grade : Sublimed product  
 Formula :  $C_{36}H_{22}N_4$   
 M.W. : 510.59 g/mole  
 TGA : >200 °C (0.5% weight loss)



### K0485

5,15-Bis[3,5-di(*tert*-butyl)phenyl]porphyrin

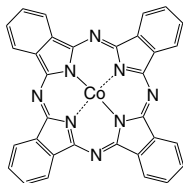
CAS No. : 173613-63-3  
 Grade : >97% (HPLC)  
 Formula :  $C_{48}H_{54}N_4$   
 M.W. : 686.97 g/mole



### LT-D2001 | CoPC

#### Cobalt(II) phthalocyanine

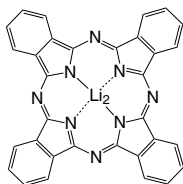
CAS No. : 3317-67-7  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}CoN_8$   
 M.W. : 571.47 g/mole



### LT-D2002 | Li<sub>2</sub>PC

#### Dilithium phthalocyanine

CAS No. : 25510-41-2  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}Li_2N_8$   
 M.W. : 526.42 g/mole  
 UV : 658 nm (in DMF)



### LT-D2003 | Na<sub>2</sub>PC

#### Disodium phthalocyanine

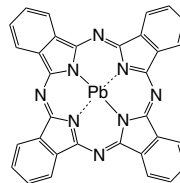
CAS No. : 25476-27-1  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}Na_2N_8$   
 M.W. : 558.52 g/mole  
 UV : 656, 692 nm (in CHCl<sub>3</sub>)



### LT-D2004 | PbPC

#### Lead(II) phthalocyanine

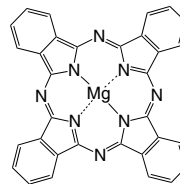
CAS No. : 15187-16-3  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{16}PbN_8$   
 M.W. : 719.74 g/mole  
 UV : 698 nm (in DMF)



### LT-D2006 | MgPC

#### Magnesium(II) phthalocyanine

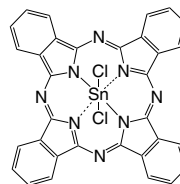
CAS No. : 1661-03-6  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}MgN_8$   
 M.W. : 536.84 g/mole  
 UV : 668 nm (in DMF)



### LT-D2008 | SnCl<sub>2</sub>PC

#### Tin(IV) phthalocyanine dichloride

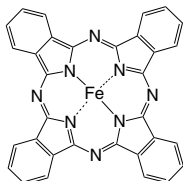
CAS No. : 18253-54-8  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}Cl_2N_8Sn$   
 M.W. : 702.15 g/mole



### LT-D2009 | FePC

#### Iron(II) phthalocyanine

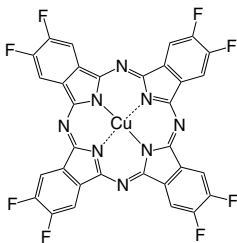
CAS No. : 132-16-1  
 Grade : Sublimed product  
 Formula :  $C_{32}H_{16}FeN_8$   
 M.W. : 568.38 g/mole  
 UV : 675 nm (in DMF)



### LT-D2010 | 2,3-F<sub>8</sub>CuPC

#### Copper(II) 2,3,9,10,16,17,23,24-octafluorophthalocyanine

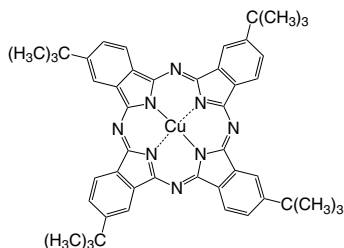
CAS No. : 148651-60-9  
 Grade : Sublimed product  
 Formula :  $C_{32}H_8CuF_8N_8$   
 M.W. : 720.01 g/mole



### LT-D2011

#### Copper(II) 2,9,16,23-tetra-*tert*-butylphthalocyanine

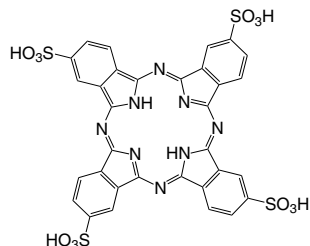
CAS No. : 39001-64-4  
 Grade : Sublimed product  
 Formula :  $C_{48}H_{48}CuN_8$   
 M.W. : 800.51 g/mole  
 UV : 672 nm (in DMF)



### LT-D2012

#### Phthalocyanine tetrasulfonic acid

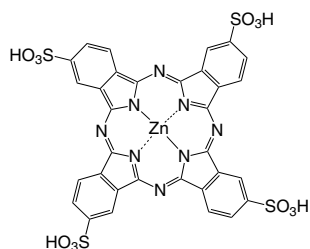
CAS No. : 33308-41-7  
 Grade : >96% (with isomers)  
 Formula :  $C_{32}H_{18}N_8O_{12}S_4$   
 M.W. : 834.79 g/mole



### LT-D2013

#### Zinc(II) phthalocyanine tetrasulfonic acid

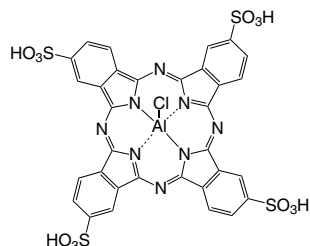
CAS No. : 61586-86-5  
 Grade : >96% (with isomers)  
 Formula :  $C_{32}H_{18}N_8O_{12}S_4Zn$   
 M.W. : 898.19 g/mole



### LT-D2014

#### Aluminum(III) phthalocyanine chloride tetrasulfonic acid

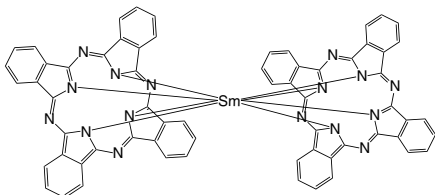
CAS No. : 100180-30-1  
 Grade : >96% (with isomers)  
 Formula :  $C_{32}H_{16}AlClN_8O_{12}S_4$   
 M.W. : 895.21 g/mole



### LT-D2015 | SmPC<sub>2</sub>

Bis(2(3),9(10),16(17),23(24)-tetrakis-(3,4-phenyl)-phthalocyaninato)samarium(III)

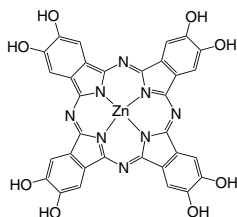
CAS No. : 82800-48-4  
 Grade : >99%  
 Formula : C<sub>64</sub>H<sub>32</sub>N<sub>16</sub>Sm  
 M.W. : 1175.41 g/mole



### LT-D2016 | [OH]<sub>8</sub>ZnPC

2,3,9,10,16,17,23,24-Octahydroxy-phthalocyaninato zinc(II)

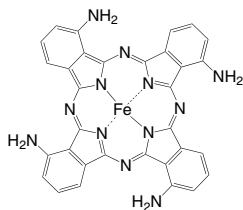
CAS No. : 121322-70-1  
 Grade : >95%  
 Formula : C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>O<sub>8</sub>Zn  
 M.W. : 705.93 g/mole



### LT-D2017

Iron(II) 1,8,15,22-tetraamino-phthalocyanine

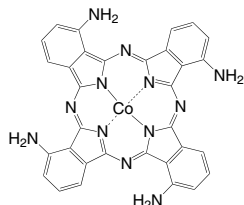
Grade : >95%  
 Formula : C<sub>32</sub>H<sub>20</sub>FeN<sub>12</sub>  
 M.W. : 628.43 g/mole



### LT-D2018

Cobalt(II) 1,8,15,22-tetraamino-phthalocyanine

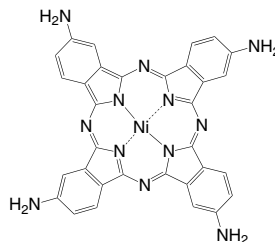
CAS No. : 77135-78-5  
 Grade : >95%  
 Formula : C<sub>32</sub>H<sub>20</sub>CoN<sub>12</sub>  
 M.W. : 631.51 g/mole



### LT-D2019

Nickel(II) 2,9,16,23-tetraamino-phthalocyanine

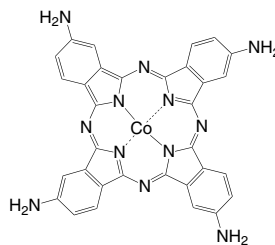
CAS No. : 27680-33-7  
 Grade : >95%  
 Formula : C<sub>32</sub>H<sub>20</sub>N<sub>12</sub>Ni  
 M.W. : 631.27 g/mole



### LT-D2020

Cobalt(II) 2,9,16,23-tetraamino-phthalocyanine

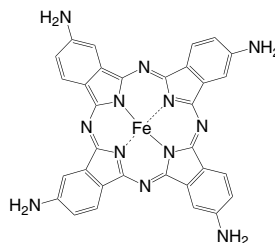
CAS No. : 203860-42-8  
 Grade : >95%  
 Formula : C<sub>32</sub>H<sub>20</sub>CoN<sub>12</sub>  
 M.W. : 631.51 g/mole



### LT-D2021

Iron(II) 2,9,16,23-tetraamino-phthalocyanine

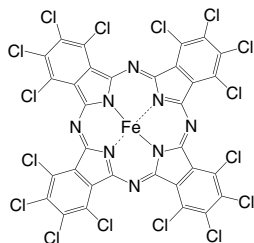
CAS No. : 95100-27-9  
 Grade : >95%  
 Formula : C<sub>32</sub>H<sub>20</sub>FeN<sub>12</sub>  
 M.W. : 628.43 g/mole



### LT-D2022

Iron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecachloro-phthalocyanine

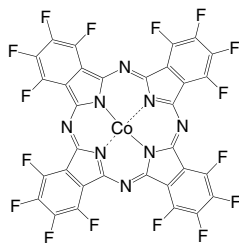
CAS No. : 50662-67-4  
 Grade : >95%  
 Formula :  $C_{32}Cl_{16}FeN_8$   
 M.W. : 1119.49 g/mole



### LT-D2023 F16CoPc

Cobalt(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-phthalocyanine

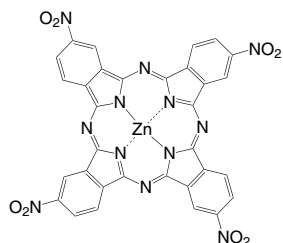
CAS No. : 52629-20-6  
 Grade : >95%  
 Formula :  $C_{32}CoF_{16}N_8$   
 M.W. : 859.3 g/mole



### LT-D2024

Zinc(II) 2,9,16,23-tetranitro-phthalocyanine

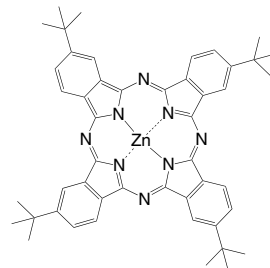
CAS No. : 100043-01-4  
 Grade : >95%  
 Formula :  $C_{32}H_{12}N_{12}O_8Zn$   
 M.W. : 757.89 g/mole



### LT-D2025

Zinc(II) 2,9,16,23-tetra(t-butyl)phthalocyanine

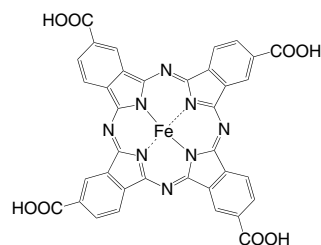
CAS No. : 39001-65-5  
 Grade : >95%  
 Formula :  $C_{48}H_{48}N_8Zn$   
 M.W. : 802.33 g/mole



### LT-D2026

Iron(II) 2,9,16,23-tetracarboxy-phthalocyanine

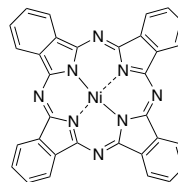
Grade : >95%  
 Formula :  $C_{36}H_{16}FeN_8O_8$   
 M.W. : 744.41 g/mole



### LT-D2027 NiPC

Nickel(II) phthalocyanine

CAS No. : 14055-02-8  
 Grade : Sublimed >99%  
 Formula :  $C_{32}H_{16}N_8Ni$   
 M.W. : 571.22 g/mole

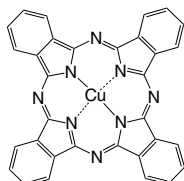




### LT-E201 | CuPC

#### Copper(II) phthalocyanine

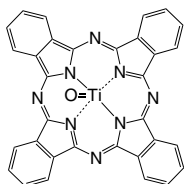
CAS No.	: 147-14-8
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}CuN_8$
M.W.	: 576.08 g/mole
UV	: 345, 631 nm (in $CH_2Cl_2$ )
PL	: 404 nm (film)
TGA	: >430°C (0.5% weight loss)



### LT-E206 | TiOPC

#### Titanium oxide phthalocyanine

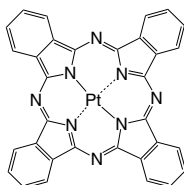
CAS No.	: 26201-32-1
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}N_8OTi$
M.W.	: 576.39 g/mole
UV	: 349,692 nm (in $CH_2Cl_2$ )
PL	: 392 (in film)
TGA	: > 440°C (0.5% weight loss)



### LT-N219 | PtPC

#### Phthalocyanine platinum

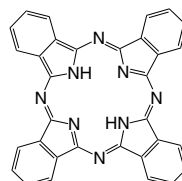
CAS No.	: 14075-08-2
Grade	: Sublimed >99% (TGA)
Formula	: $C_{32}H_{16}N_8Pt$
M.W.	: 707.6 g/mole
UV	: 228, 270 nm (in $CH_2Cl_2$ )
PL	: 372.5 nm (in $CH_2Cl_2$ )
TGA	: >460°C (0.5% weight loss)



### LT-N222 | H<sub>2</sub>PC

#### Phthalocyanine

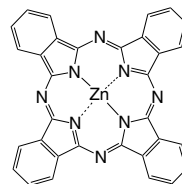
CAS No.	: 574-93-6
Grade	: Sublimed >98%
Formula	: $C_{32}H_{18}N_8$
M.W.	: 514.54 g/mole
UV	: 279,693 nm (in $C_6H_6$ )
PL	: 418 nm (in $C_6H_6$ )
TGA	: >350°C (0.5% weight loss)



### LT-S906 | ZnPC

#### Zinc phthalocyanine

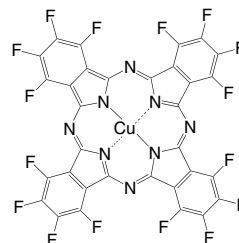
CAS No.	: 14320-04-8
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}N_8Zn$
M.W.	: 577.92 g/mole
PL	: 534 nm (in $CH_2Cl_2$ )



### LT-S928 | F<sub>16</sub>CuPC

#### Copper(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

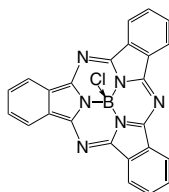
CAS No.	: 14916-87-1
Grade	: Sublimed product
Formula	: $C_{32}CuF_{16}N_8$
M.W.	: 863.93 g/mole
UV	: 690 nm (in THF)
TGA	: >400 °C (0.5% weight loss)



### LT-S943 | SubPC

#### Boron subphthalocyanine chloride

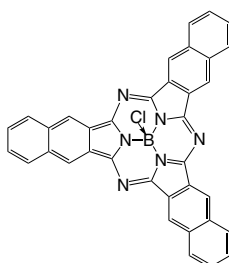
CAS No.	: 36530-06-0
Grade	: Sublimed >99%
Formula	: $C_{24}H_{12}BN_6Cl$
M.W.	: 430.66 g/mole
UV	: 565 nm (in DMF)
PL	: 577 nm (in DMF)
TGA	: >340 °C (0.5% weight loss)



### LT-S947 | SubNC

#### Boron sub-2,3-naphthalocyanine chloride

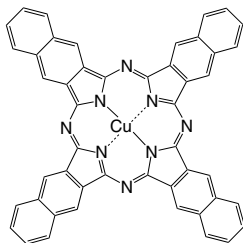
CAS No.	: 142710-56-3
Grade	: Sublimed >99%
Formula	: $C_{36}H_{18}BClN_6$
M.W.	: 580.83 g/mole
UV	: 658 nm (in $CH_2Cl_2$ )
TGA	: >370 °C (0.5% weight loss)



### LT-S962 | CuNC

#### Copper(II) 2,3-naphthalocyanine

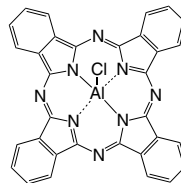
CAS No.	: 33273-09-5
Grade	: Sublimed >99% (TGA)
Formula	: $C_{48}H_{24}CuN_8$
M.W.	: 776.30 g/mole
UV	: 681 nm (in $CH_2Cl_2$ )
TGA	: >430 °C (0.5% weight loss)



### LT-S9025 | AIPCCI

#### Aluminum phthalocyanine chloride

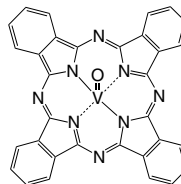
CAS No.	: 14154-42-8
Grade	: Sublimed >99%
Formula	: $C_{32}H_{16}AlClN_8$
M.W.	: 574.97 g/mole
UV	: 675 nm (in DMF)



### LT-S9053 | VOPC

#### Oxyvanadium phthalocyanine

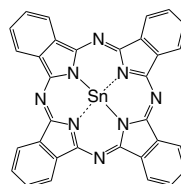
CAS No.	: 13930-88-6
Grade	: Sublimed product
Formula	: $C_{32}H_{16}N_8OV$
M.W.	: 579.47 g/mole
UV	: 338, 684 nm (in $CH_2Cl_2$ )



### LT-S9086 | SnPC

#### Tin(II) phthalocyanine

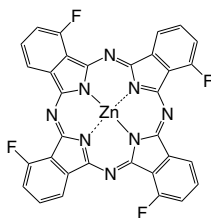
CAS No.	: 15304-57-1
Grade	: Sublimed product
Formula	: $C_{32}H_{16}N_8Sn$
M.W.	: 631.25 g/mole



### LT-S9171 | F<sub>4</sub>ZnPC

Zinc(II)-1,8,15,22-tetrafluoro-29H,31H-phthalocyanine, mixture of isomers

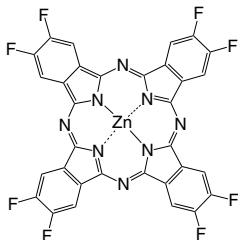
CAS No.	: 1120355-28-3
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>12</sub> F <sub>4</sub> N <sub>8</sub> Zn
M.W.	: 649.89 g/mole
UV	: 681 nm (in CHCl <sub>3</sub> )
TGA	: >250 °C (0.5% weight loss)



### LT-S9172 | F<sub>8</sub>ZnPC

Zinc(II)-2,3,9,10,16,17,23,24-octafluoro-29H,31H-phthalocyanine

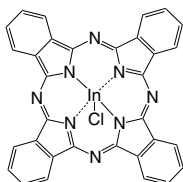
CAS No.	: 676519-80-5
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>8</sub> F <sub>8</sub> N <sub>8</sub> Zn
M.W.	: 721.86 g/mole
UV	: 338, 656 nm (in DMF)
TGA	: >300 °C (0.5% weight loss)



### LT-S9176 | InCIPC

Indium(III) phthalocyanine chloride

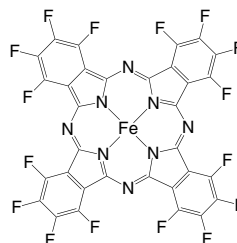
CAS No.	: 19631-19-7
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> H <sub>16</sub> ClInN <sub>8</sub>
M.W.	: 662.79 g/mole
UV	: 358, 683 nm (in CHCl <sub>3</sub> )
TGA	: >300 °C (0.5% weight loss)



### LT-S9177 | F<sub>16</sub>FePC

Iron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

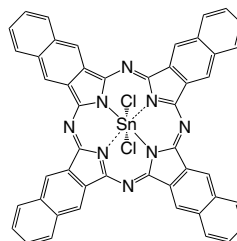
CAS No.	: 23844-93-1
Grade	: Sublimed >99%
Formula	: C <sub>32</sub> F <sub>16</sub> FeN <sub>8</sub>
M.W.	: 856.22 g/mole
UV	: 333, 627 nm (in Acetone)
TGA	: >300 °C (0.5% weight loss)



### LT-S9180 | SnNCCl<sub>2</sub>

Tin(IV) 2,3-naphthalocyanine dichloride

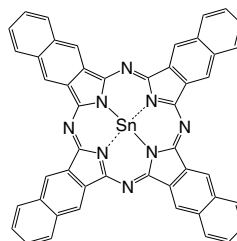
CAS No.	: 26857-61-4
Grade	: Sublimed product
Formula	: C <sub>48</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>8</sub> Sn
M.W.	: 902.37 g/mole
TGA	: >300 °C (0.5% weight loss)



### LT-S9182 | SnNC

Tin(II) 2,3-naphthalocyanine

CAS No.	: 110479-58-8
Grade	: Sublimed product
Formula	: C <sub>48</sub> H <sub>24</sub> N <sub>8</sub> Sn
M.W.	: 831.47 g/mole
TGA	: >300 °C (0.5% weight loss)

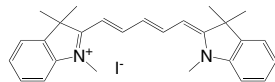


## Near-Infrared (NIR) Dyes

### LT-D1237 | HIDC iodide

1,1',3,3,3',3'-Hexamethylindodicarbocyanine iodide

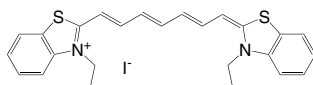
CAS No. : 36536-22-8  
 Grade : >98% (NMR)  
 Formula :  $C_{27}H_{31}IN_2$   
 M.W. : 510.45 g/mole  
 UV : 643 nm (in EtOH)  
 PL : 670 nm (in EtOH)



### LT-D1242 | DTTC iodide

3,3'-Diethylthiatricarbocyanine iodide

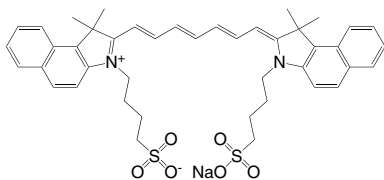
CAS No. : 3071-70-3  
 Grade : >98%  
 Formula :  $C_{25}H_{25}IN_2S_2$   
 M.W. : 544.51 g/mole  
 UV : 761 nm (in EtOH)  
 PL : 813 nm (in EtOH)



### LT-D1243 | Indocyanine green

Sodium 2-(7-(3,3-dimethyl-1-(4-sulfonatobutyl)benz(e)indolin-2-ylidene)hepta-1,3,5-trien-1-yl)-3,3-dimethyl-1-(4-sulfonatobutyl)benz[e]indolinium

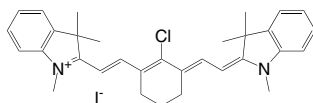
CAS No. : 3599-32-4  
 Grade : >90% (NMR)  
 Formula :  $C_{43}H_{47}N_2NaO_6S_2$   
 M.W. : 774.96 g/mole  
 UV : 795 nm (in DMSO)  
 PL : 832 nm (in DMSO)



### LT-D1248 | IR-786

2-[2-[2-Chloro-3-[(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,3,3-trimethylindolium iodide

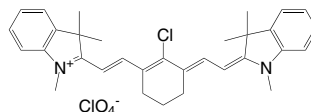
CAS No. : 56289-67-9  
 Grade : >98% (NMR)  
 Formula :  $C_{32}H_{36}ClIN_2$   
 M.W. : 611.02 g/mole  
 UV : 775 nm (in MeOH)  
 PL : 817 nm (in MeOH)



### LT-D1249 | IR-786 perchlorate

2-[2-[2-Chloro-3-[(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,3,3-trimethylindolium perchlorate

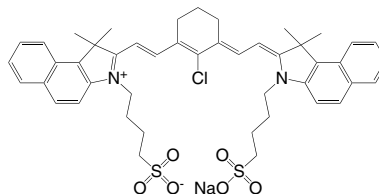
CAS No. : 102185-03-5  
 Grade : >98%  
 Formula :  $C_{32}H_{36}Cl_2N_2O_4$   
 M.W. : 583.55 g/mole  
 UV : 775 nm (in MeOH)  
 PL : 817 nm (in MeOH)



### LT-D1263 | IR-820

2-[2-[2-Chloro-3-[[1,3-dihydro-1,1-dimethyl-3-(4-sulfobutyl)-2H-benzo[e]indol-2-ylidene]-ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,1-dimethyl-3-(4-sulfobutyl)-1H-benzo[e]indolium hydroxide inner salt, sodium salt

CAS No. : 172616-80-7  
 Grade : >80% (NMR)  
 Formula :  $C_{46}H_{50}ClN_2NaO_6S_2$   
 M.W. : 849.47 g/mole  
 UV : 820 nm (in MeOH)

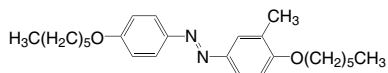


## Photochromic Dyes

### LT-D1264

4,4'-Bis(hexyloxy)-3-methylazobenzene

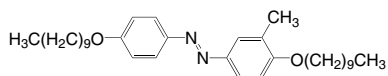
CAS No. : 1440509-03-4  
 Grade : >95%  
 Formula :  $C_{25}H_{36}N_2O_2$   
 M.W. : 396.58 g/mole



### LT-D1265

4,4'-Bis(decyloxy)-3-methylazobenzene

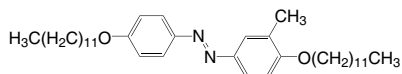
CAS No. : 1627844-78-3  
 Grade : >95%  
 Formula :  $C_{33}H_{52}N_2O_2$   
 M.W. : 508.79 g/mole



### LT-D1266

4,4'-Bis(dodecyloxy)-3-methylazobenzene

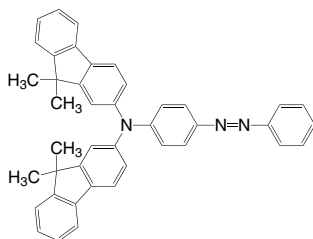
CAS No. : 1440509-01-2  
 Grade : >93%  
 Formula :  $C_{37}H_{60}N_2O_2$   
 M.W. : 564.9 g/mole



### LT-D1267

4-[Bis(9,9-dimethylfluoren-2-yl)amino]azobenzene

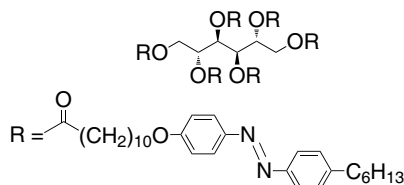
CAS No. : 883554-70-9  
 Grade : >98%  
 Formula :  $C_{42}H_{35}N_3$   
 M.W. : 581.76 g/mole



### LT-D1268

1,2,3,4,5,6-Hexa-O-[11-[4-(4-hexylphenylazo)phenoxy]undecanoyl]-D-mannitol

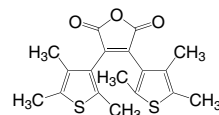
CAS No. : 1093077-77-0  
 Grade : >97%  
 Formula :  $C_{180}H_{254}N_{12}O_{18}$   
 M.W. : 2874.08 g/mole



### LT-D1269

2,3-Bis(2,4,5-trimethyl-3-thienyl)maleic anhydride

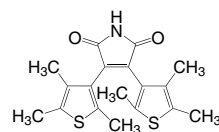
CAS No. : 112440-47-8  
 Grade : >97%  
 Formula :  $C_{18}H_{18}O_3S_2$   
 M.W. : 346.46 g/mole



### LT-D1270

2,3-Bis(2,4,5-trimethyl-3-thienyl)maleimide

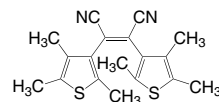
CAS No. : 220191-36-6  
 Grade : >97%  
 Formula :  $C_{18}H_{19}NO_2S_2$   
 M.W. : 345.48 g/mole



### LT-D1271

cis-1,2-Dicyano-1,2-bis(2,4,5-trimethyl-3-thienyl)ethene

CAS No. : 112440-46-7  
 Grade : >98%  
 Formula :  $C_{18}H_{18}N_2S_2$   
 M.W. : 326.48 g/mole



## Photochromic Dyes

### LT-D1272

1,2-Bis[2-methylbenzo[b]thiophen-3-yl]-3,3,4,4,5,5-hexafluoro-1-cyclopentene

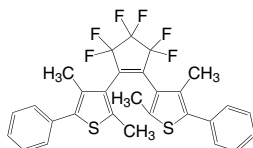
CAS No. : 137814-07-4  
 Grade : >97%  
 Formula : C<sub>23</sub>H<sub>14</sub>F<sub>6</sub>S<sub>2</sub>  
 M.W. : 468.48 g/mole



### LT-D1273

1,2-Bis(2,4-dimethyl-5-phenyl-3-thienyl)-3,3,4,4,5,5-hexafluoro-1-cyclopentene

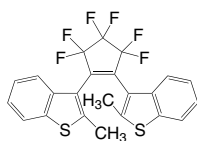
CAS No. : 172612-67-8  
 Grade : >98%  
 Formula : C<sub>29</sub>H<sub>22</sub>F<sub>6</sub>S<sub>2</sub>  
 M.W. : 548.61 g/mole



### LT-D1274

1,2-Bis[2-methylbenzo[b]thiophen-3-yl]-3,3,4,4,5,5-hexafluoro-1-cyclopentene

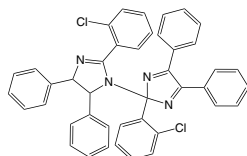
CAS No. : 137814-07-4  
 Grade : >97%  
 Formula : C<sub>23</sub>H<sub>14</sub>F<sub>6</sub>S<sub>2</sub>  
 M.W. : 468.48 g/mole



### LT-D1275

2,2'-Bis(2-chlorophenyl)-4,4',5,5'-tetraphenyl-1,2'-biimidazole

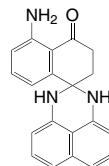
CAS No. : 7189-82-4  
 Grade : >99%  
 Formula : C<sub>42</sub>H<sub>28</sub>Cl<sub>2</sub>N<sub>4</sub>  
 M.W. : 659.61 g/mole



### LT-D1276

2,3-Dihydro-2-spiro-4'--[8'-aminonaphthalen-1'(4'H)-one]perimidine (contains o-form)

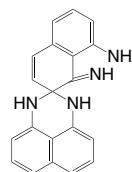
CAS No. : 851768-63-3  
 Grade : >98%  
 Formula : C<sub>20</sub>H<sub>15</sub>N<sub>3</sub>O  
 M.W. : 313.36 g/mole



### LT-D1277

2,3-Dihydro-2-spiro-7'--[8'-imino-7',8'-dihydronaphthalen-1'-amine]perimidine

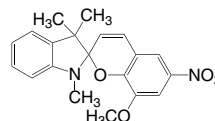
CAS No. : 851768-62-2  
 Grade : >97%  
 Formula : C<sub>20</sub>H<sub>16</sub>N<sub>4</sub>  
 M.W. : 312.38 g/mole



### LT-D1278

1',3'-Dihydro-8-methoxy-1',3',3'-trimethyl-6-nitrospiro[2H-1-benzopyran-2,2'-[2H]indole]

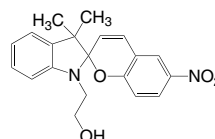
CAS No. : 1498-89-1  
 Grade : >97%  
 Formula : C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 352.38 g/mole



### LT-D1279

1-(2-Hydroxyethyl)-3,3-dimethylindolino-6'-nitrobenzopyrylospiran

CAS No. : 16111-07-2  
 Grade : >93%  
 Formula : C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. : 352.38 g/mole

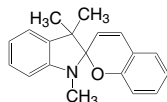


## Photochromic Dyes

### LT-D1280

1,3,3-Trimethylindolinobenzopyrrospiran

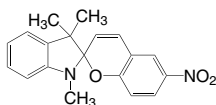
CAS No. : 1485-92-3  
 Grade : >98%  
 Formula : C<sub>19</sub>H<sub>19</sub>NO  
 M.W. : 277.37 g/mole



### LT-D1281

1,3,3-Trimethylindolino-6'-nitrobenzopyrrospiran

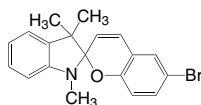
CAS No. : 1498-88-0  
 Grade : >98%  
 Formula : C<sub>19</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>  
 M.W. : 322.36 g/mole



### LT-D1282

1,3,3-Trimethylindolino-6'-bromobenzopyrrospiran

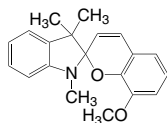
CAS No. : 16650-14-9  
 Grade : >98%  
 Formula : C<sub>19</sub>H<sub>18</sub>BrNO  
 M.W. : 356.26 g/mole



### LT-D1283

1,3,3-Trimethylindolino-8'-methoxybenzopyrrospiran

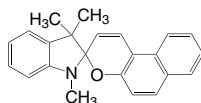
CAS No. : 13433-31-3  
 Grade : >98%  
 Formula : C<sub>20</sub>H<sub>21</sub>NO<sub>2</sub>  
 M.W. : 307.39 g/mole



### LT-D1284

1,3,3-Trimethylindolino-β-naphthopyrrospiran

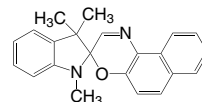
CAS No. : 1592-43-4  
 Grade : >98%  
 Formula : C<sub>23</sub>H<sub>21</sub>NO  
 M.W. : 327.43 g/mole



### LT-D1285

1,3,3-Trimethylindolinonaphthospirooxazine

CAS No. : 27333-47-7  
 Grade : >98%  
 Formula : C<sub>22</sub>H<sub>20</sub>N<sub>2</sub>O  
 M.W. : 328.42 g/mole

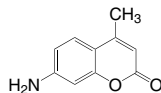


## Coumarin Dyes

### LT-D1213

#### 7-Amino-4-methylcoumarin

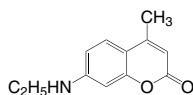
CAS No. : 26093-31-2  
 Grade : >97%  
 Formula : C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>  
 M.W. : 175.19 g/mole



### LT-D1214

#### 7-(Ethylamino)-4-methylcoumarin

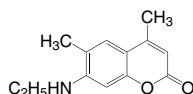
CAS No. : 28821-18-3  
 Grade : >98%  
 Formula : C<sub>12</sub>H<sub>13</sub>NO<sub>2</sub>  
 M.W. : 203.24 g/mole



### LT-D1215

#### 7-(Ethylamino)-4,6-dimethylcoumarin

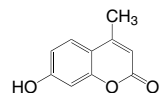
CAS No. : 26078-25-1  
 Grade : >98%  
 Formula : C<sub>13</sub>H<sub>15</sub>NO<sub>2</sub>  
 M.W. : 217.27 g/mole



### LT-D1216

#### 4-Methylumbelliferone

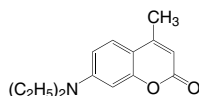
CAS No. : 90-33-5  
 Grade : >98%  
 Formula : C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
 M.W. : 176.17 g/mole



### LT-D1217

#### 7-Diethylamino-4-methylcoumarin

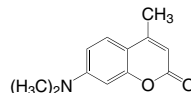
CAS No. : 91-44-1  
 Grade : >98% (HPLC)  
 Formula : C<sub>14</sub>H<sub>17</sub>NO<sub>2</sub>  
 M.W. : 231.3 g/mole



### LT-D1218

#### 7-(Dimethylamino)-4-methylcoumarin

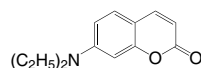
CAS No. : 87-01-4  
 Grade : >98%  
 Formula : C<sub>12</sub>H<sub>13</sub>NO<sub>2</sub>  
 M.W. : 203.24 g/mole



### LT-D1219

#### 7-(Diethylamino)coumarin

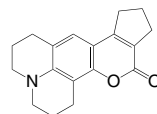
CAS No. : 20571-42-0  
 Grade : >98%  
 Formula : C<sub>13</sub>H<sub>15</sub>NO<sub>2</sub>  
 M.W. : 217.27 g/mole



### LT-D1220

#### 2,3,5,6,7,9,10,11-Octahydrocyclopenta[4,5]pyrano[2,3-f]pyrido[3,2,1-ij]quinolin-12(1H)-one

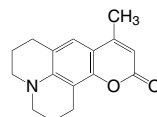
CAS No. : 41175-45-5  
 Grade : >98%  
 Formula : C<sub>18</sub>H<sub>19</sub>NO<sub>2</sub>  
 M.W. : 281.36 g/mole



### LT-D1221

#### 9-Ethyl-2,3,6,7-tetrahydro-1H-pyrano[2,3-f]pyrido[3,2,1-ij]quinolin-11(5H)-one

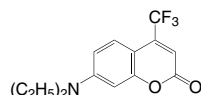
CAS No. : 41267-76-9  
 Grade : >97%  
 Formula : C<sub>16</sub>H<sub>17</sub>NO<sub>2</sub>  
 M.W. : 255.32 g/mole



### LT-D1222

#### 7-(Diethylamino)-4-(trifluoromethyl)-2H-chromen-2-one

CAS No. : 41934-47-8  
 Grade : >96%  
 Formula : C<sub>14</sub>H<sub>14</sub>F<sub>3</sub>NO<sub>2</sub>  
 M.W. : 285.27 g/mole



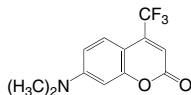


## Coumarin Dyes

### LT-D1223

7-(Dimethylamino)-4-(trifluoromethyl)-2H-chromen-2-one

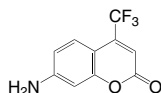
CAS No. : 53518-14-2  
 Grade : >97%  
 Formula : C<sub>12</sub>H<sub>10</sub>F<sub>3</sub>NO<sub>2</sub>  
 M.W. : 257.21 g/mole



### LT-D1225

7-Amino-4-(trifluoromethyl)-2H-chromen-2-one

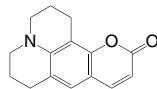
CAS No. : 53518-15-3  
 Grade : >97%  
 Formula : C<sub>10</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>2</sub>  
 M.W. : 229.16 g/mole



### LT-D1226

2,3,6,7-Tetrahydro-1H-pyrano[2,3-f]pyrido[3,2,1-ij]quinolin-11(5H)-one

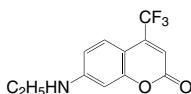
CAS No. : 58336-35-9  
 Grade : >97%  
 Formula : C<sub>15</sub>H<sub>15</sub>NO<sub>2</sub>  
 M.W. : 241.29 g/mole



### LT-D1227

7-(Ethylamino)-4-(trifluoromethyl)-2H-chromen-2-one

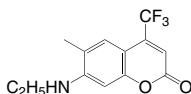
CAS No. : 52840-38-7  
 Grade : >98%  
 Formula : C<sub>12</sub>H<sub>10</sub>F<sub>3</sub>NO<sub>2</sub>  
 M.W. : 257.21 g/mole



### LT-D1228

7-(Ethylamino)-6-methyl-4-(trifluoromethyl)-2H-chromen-2-one

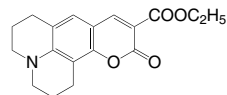
CAS No. : 55804-70-1  
 Grade : >98%  
 Formula : C<sub>13</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>2</sub>  
 M.W. : 271.24 g/mole



### LT-D1229

Ethyl 11-oxo-2,3,5,6,7,11-hexahydro-1H-pyrano[2,3-f]pyrido[3,2,1-ij]quinoline-10-carboxylate

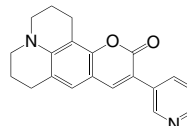
CAS No. : 55804-66-5  
 Grade : >98%  
 Formula : C<sub>18</sub>H<sub>19</sub>NO<sub>4</sub>  
 M.W. : 313.35 g/mole



### LT-D1230

2,3,6,7-Tetrahydro-10-(3-pyridyl)-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

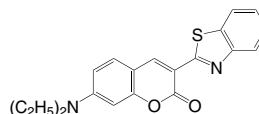
CAS No. : 87349-92-6  
 Grade : >98%  
 Formula : C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. : 318.37 g/mole



### LT-D1231

3-(Benzo[d]thiazol-2-yl)-7-(diethylamino)-2H-chromen-2-one

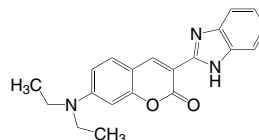
CAS No. : 38215-36-0  
 Grade : >98%  
 Formula : C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. : 350.44 g/mole



### LT-D1286

3-(2-Benzimidazolyl)-7-(diethylamino)coumarin

CAS No. : 27425-55-4  
 Grade : >98%  
 Formula : C<sub>20</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>  
 M.W. : 333.39 g/mole

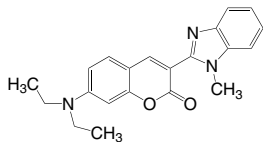


## Coumarin Dyes

### LT-D1288

7-(Diethylamino)-3-(1-methyl-2-benzimidazolyl)coumarin

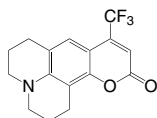
CAS No. : 41044-12-6  
 Grade : >98%  
 Formula :  $C_{21}H_{21}N_3O_2$   
 M.W. : 347.42 g/mole



### LT-D1289

2,3,6,7-Tetrahydro-9-(trifluoromethyl)-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

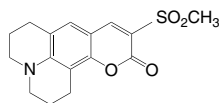
CAS No. : 53518-18-6  
 Grade : >98%  
 Formula :  $C_{16}H_{14}F_3NO_2$   
 M.W. : 309.29 g/mole



### LT-D1290

2,3,6,7-Tetrahydro-10-(methylsulfonyl)-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

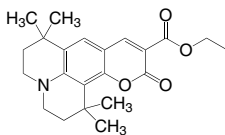
CAS No. : 87331-48-4  
 Grade : >98%  
 Formula :  $C_{16}H_{17}NO_4S$   
 M.W. : 319.38 g/mole



### LT-D1291

Ethyl 2,3,6,7-tetrahydro-1,1,7,7-tetramethyl-11-oxo-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizine-10-carboxylate

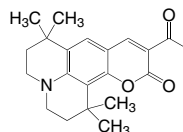
CAS No. : 113869-06-0  
 Grade : >98%  
 Formula :  $C_{22}H_{27}NO_4$   
 M.W. : 369.46 g/mole



### LT-D1292

10-Acetyl-2,3,6,7-tetrahydro-1,1,7,7-tetramethyl-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

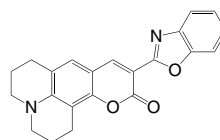
CAS No. : 114768-72-8  
 Grade : >98%  
 Formula :  $C_{21}H_{25}NO_3$   
 M.W. : 339.44 g/mole



### LT-D1293

10-(2-Benzoxazolyl)-2,3,6,7-tetrahydro-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

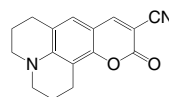
CAS No. : 87331-47-3  
 Grade : >97%  
 Formula :  $C_{22}H_{18}N_2O_3$   
 M.W. : 358.4 g/mole



### LT-D1294

2,3,6,7-Tetrahydro-11-oxo-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizine-10-carbonitrile

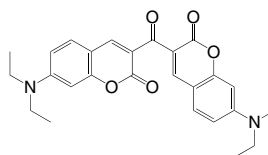
CAS No. : 55804-68-7  
 Grade : >98%  
 Formula :  $C_{16}H_{14}N_2O_2$   
 M.W. : 266.3 g/mole



### LT-D1295

3,3'-Carbonyl-bis(7-diethylaminocoumarin)

CAS No. : 63226-13-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{27}H_{28}N_2O_5$   
 M.W. : 460.53 g/mole

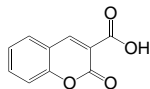


## Coumarin Dyes

### LT-D1296

#### Coumarin-3-carboxylic Acid

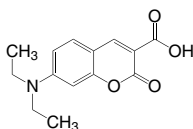
CAS No. : 531-81-7  
 Grade : >98%  
 Formula :  $C_{10}H_6O_4$   
 M.W. : 190.15 g/mole



### LT-D1297

#### 7-(Diethylamino)coumarin-3-carboxylic Acid

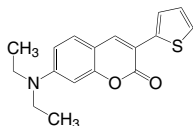
CAS No. : 50995-74-9  
 Grade : >98%  
 Formula :  $C_{14}H_{15}NO_4$   
 M.W. : 261.28 g/mole



### LT-D1298

#### 7-(Diethylamino)-3-(2-thienyl)coumarin

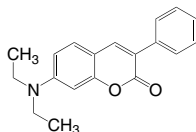
CAS No. : 117850-52-9  
 Grade : >98%  
 Formula :  $C_{17}H_{17}NO_2S$   
 M.W. : 299.39 g/mole



### LT-D1299

#### 7-(Diethylamino)-3-phenylcoumarin

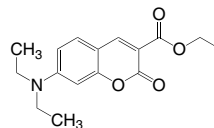
CAS No. : 84865-19-0  
 Grade : >98%  
 Formula :  $C_{19}H_{19}NO_2$   
 M.W. : 293.37 g/mole



### LT-D1300

#### Ethyl 7-(diethylamino)coumarin-3-carboxylate

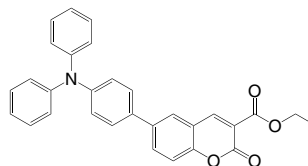
CAS No. : 28705-46-6  
 Grade : >97%  
 Formula :  $C_{16}H_{19}NO_4$   
 M.W. : 289.33 g/mole



### LT-D1301

#### Ethyl 6-[4-(diphenylamino)phenyl]coumarin-3-carboxylate

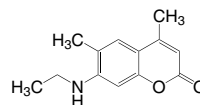
CAS No. : 1056693-13-0  
 Grade : >98%  
 Formula :  $C_{30}H_{23}NO_4$   
 M.W. : 461.52 g/mole



### LT-D1302

#### 7-(Ethylamino)-4,6-dimethylcoumarin

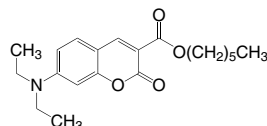
CAS No. : 26078-25-1  
 Grade : >98%(GC)  
 Formula :  $C_{13}H_{15}NO_2$   
 M.W. : 217.27 g/mole



### LT-D1303

#### Hexyl 7-(diethylamino)coumarin-3-carboxylate

CAS No. : 851963-03-6  
 Grade : >98%  
 Formula :  $C_{20}H_{27}NO_4$   
 M.W. : 345.44 g/mole

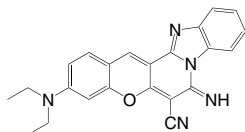


## Coumarin Dyes

### LT-D1304

3-(Diethylamino)-7-imino-7H-benzo[4,5]imidazo[1,2-a]chromeno[3,2-c]pyridine-6-carbonitrile

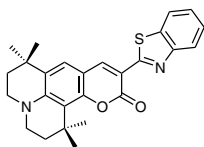
CAS No. : 52372-39-1  
 Grade : >98%  
 Formula :  $C_{23}H_{19}N_5O$   
 M.W. : 381.44 g/mole



### LT-E502 C545T

10-(2-Benzothiazolyl)-2,3,6,7-tetrahydro-1,1,7,7-tetramethyl-1H,5H,11H-[1]benzopyrano[6,7,8-ij]quinolizin-11-one

CAS No. : 155306-71-1  
 Grade : Sublimed >99%  
 Formula :  $C_{26}H_{26}N_2O_2S$   
 M.W. : 430.57 g/mole  
 UV : 473 nm (in THF)  
 PL : 506 nm (in THF)  
 TGA : >240 °C (0.5% weight loss)

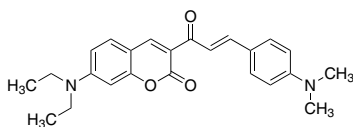


### LT-S9550 C1

**NEW**

(E)-7-(diethylamino)-3-(3-(4-(dimethylamino)phenyl)acryloyl)-2H-chromen-2-one

CAS No. : 87897-19-6  
 Grade : >99%  
 Formula :  $C_{24}H_{26}N_2O_3$   
 M.W. : 390.47 g/mole

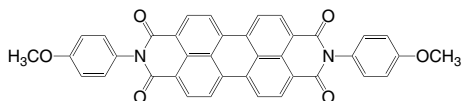


## Perylene Dyes

### LT-D1305

N,N'-Bis(4-methoxyphenyl)-3,4,9,10-perylenetetracarboxylic diimide

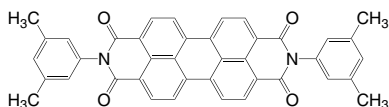
CAS No. : 6424-77-7  
 Grade : Sublimed >99%  
 Formula :  $C_{38}H_{22}N_2O_6$   
 M.W. : 602.6 g/mole



### LT-D1306

N,N'-Bis(3,5-dimethylphenyl)-3,4,9,10-perylenetetracarboxylic diimide

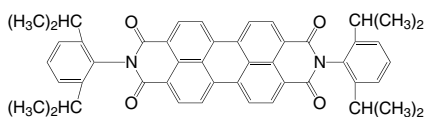
CAS No. : 4948-15-6  
 Grade : Sublimed >99%  
 Formula :  $C_{40}H_{26}N_2O_4$   
 M.W. : 598.66 g/mole



### LT-D1307

N,N'-Bis(2,6-diisopropylphenyl)-3,4,9,10-perylenetetracarboxylic diimide

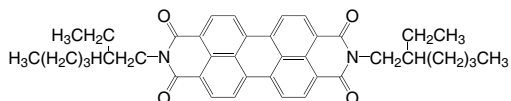
CAS No. : 82953-57-9  
 Grade : Sublimed >99% (HPLC)  
 Formula :  $C_{48}H_{42}N_2O_4$   
 M.W. : 710.87 g/mole



### LT-D1308

N,N'-Bis(2-ethylhexyl)-3,4,9,10-perylenetetracarboxylic diimide

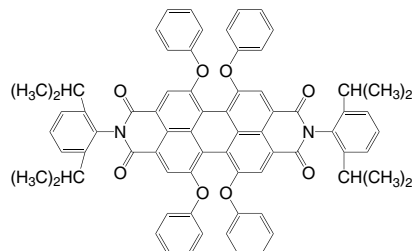
CAS No. : 82531-03-1  
 Grade : Sublimed >99% (HPLC)  
 Formula :  $C_{40}H_{42}N_2O_4$   
 M.W. : 614.79 g/mole



### LT-D1309

N,N'-Bis(2,6-diisopropylphenyl)-1,6,7,12-tetraethoxy-3,4,9,10-perylenetetracarboxylic diimide

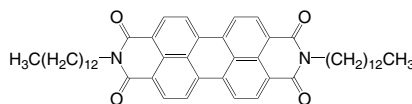
CAS No. : 123174-58-3  
 Grade : >95% (HPLC)  
 Formula :  $C_{72}H_{58}N_2O_8$   
 M.W. : 1079.26 g/mole



### LT-D1310

N,N'-Ditridecyl-3,4,9,10-perylenetetracarboxylic diimide

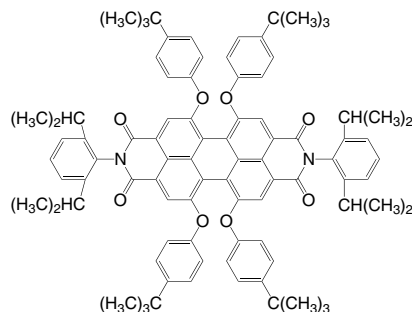
CAS No. : 95689-92-2  
 Grade : Sublimed >99%  
 Formula :  $C_{50}H_{62}N_2O_4$   
 M.W. : 755.06 g/mole



### LT-D1311

1,6,7,12-Tetrakis(4-tert-butylphenoxy)-N,N'-bis(2,6-diisopropylphenyl)-3,4,9,10-perylenetetracarboxylic diimide

CAS No. : 112078-08-7  
 Grade : >98%  
 Formula :  $C_{88}H_{90}N_2O_8$   
 M.W. : 1303.69 g/mole



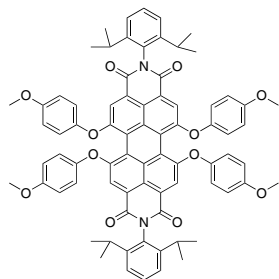
## Perylene Dyes

### LT-D1401

**NEW**

2,9-Bis(2,6-diisopropylphenyl)-5,6,12,13-tetrakis(4-methoxyphenoxy)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone

Grade : >98%  
Formula :  $C_{76}H_{66}N_2O_{12}$   
M.W. : 1199.34 g/mole

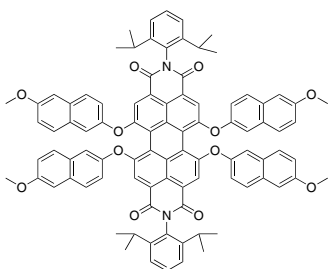


### LT-D1402

**NEW**

2,9-Bis(2,6-diisopropylphenyl)-5,6,12,13-tetrakis((6-methoxynaphthalen-2-yl)oxy)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2H,9H)-tetraone

Grade : >99%  
Formula :  $C_{92}H_{74}N_2O_{12}$   
M.W. : 1399.58 g/mole

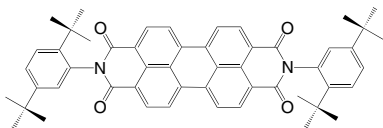


### LT-S902

**PDCDT**

N,N' -Bis(2,5-di-tert-butylphenyl)-3,4,9,10-perylene dicarboximide

CAS No : 83054-80-2  
Grade : Sublimed >99%  
Formula :  $C_{52}H_{50}N_2O_4$   
M.W. : 766.96 g/mole  
UV : 524 nm (in  $CH_2Cl_2$ )  
PL : 544, 574 nm (in  $CH_2Cl_2$ )  
TGA : >350 °C (0.5% weight loss)



### LT-S904

**PenPTC**

N,N' -Dipentyl-3,4,9,10-perylene dicarboximide

CAS No : 76372-75-3  
Grade : Sublimed >99%  
Formula :  $C_{34}H_{30}N_2O_4$   
M.W. : 530.61 g/mole  
UV : 523 nm (in  $CH_2Cl_2$ )  
PL : 535, 573 nm (in  $CH_2Cl_2$ )  
TGA : >350 °C (0.5% weight loss)

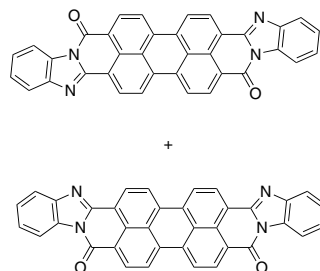


### LT-S918

**PTCBI**

Bisbenzimidazo[2,1-a:1',2'-b']anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-10,21-dione, with *cis* isomer

CAS No. : 79534-91-1  
Grade : Sublimed >99%  
Formula :  $C_{36}H_{16}N_4O_2$   
M.W. : 536.54 g/mole  
PL : 414 nm (in  $CH_2Cl_2$ )  
TGA : >420 °C (0.5% weight loss)

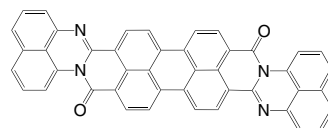


### LT-S919

**ADIDI**

Anthra[2'',1'',9''':4,5,6,6',5'',10''':4',5',6']diisoquino[2,1-a:2',1'-a']diperimidine-12,25-dione, with *cis* isomer

CAS No : 6859-32-1  
Grade : Sublimed >99%  
Formula :  $C_{44}H_{20}N_4O_2$   
M.W. : 636.66 g/mole  
PL : 413 nm (in  $CH_2Cl_2$ )  
TGA : >430 °C (0.5% weight loss)

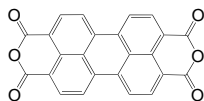


## Perylene Dyes

### LT-S920 | PTCDA

3,4,9,10-Perylenetetracarboxylic dianhydride

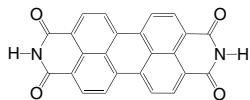
CAS No :128-69-8  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>8</sub>O<sub>6</sub>  
 M.W. :392.32 g/mole  
 PL :413 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>450 °C (0.5% weight loss)



### LT-S921 | PTCDI

3,4,9,10-Perylenetetracarboxylic acid diimide

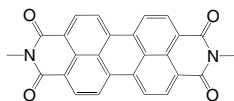
CAS No :81-33-4  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :390.35 g/mole  
 PL :413 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>450 °C (0.5% weight loss)



### LT-S925 | MePTC

N,N'-Dimethyl-3,4,9,10-perylene dicarboximide

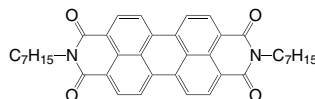
CAS No :5521-31-3  
 Grade :Sublimed >99%  
 Formula :C<sub>26</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :418.4 g/mole  
 UV :522 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :571 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>440 °C (0.5% weight loss)



### LT-S926 | HepPTC

N,N'-Diheptyl-3,4,9,10-perylene dicarboximide

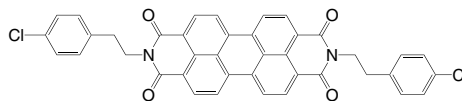
CAS No :95689-91-1  
 Grade :Sublimed >99%  
 Formula :C<sub>38</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :586.72 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :537, 571 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-S935 | 4CIPEPTC

N,N'-Bis[2-(4-chloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

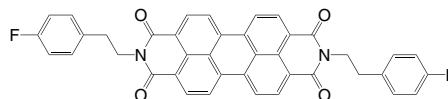
CAS No :215726-51-5  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :667.53 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :544 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)



### LT-S936 | 4FPEPTC

N,N'-Bis[2-(4-fluoro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No :215726-57-1  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>24</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :634.63 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :538 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)

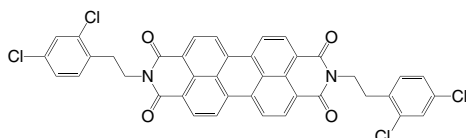


## Perylene Dyes

### LT-S937 | 24CIPEPTC

N,N'-Bis[2-(2,4-dichloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

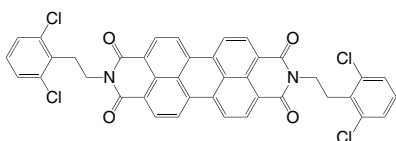
Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>22</sub>Cl<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :736.42 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :536 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-S938 | 26CIPEPTC

N,N'-Bis[2-(2,6-dichloro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

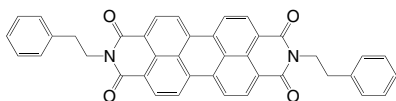
Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>22</sub>Cl<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :736.42 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :536 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>440 °C (0.5% weight loss)



### LT-S939 | PEPTC

N,N'-Bis(2-phenyl-ethyl)-3,4,9,10-perylene dicarboximide

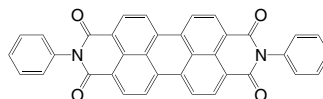
CAS No :67075-37-0  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :598.64 g/mole  
 UV :524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :537 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-S941 | DP-PTCDI

N,N'-Diphenyl-3,4,9,10-perylene dicarboximide

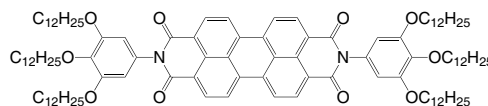
CAS No :128-65-4  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :542.54 g/mole  
 UV :481, 515 nm (in THF)  
 PL :531 nm (in THF)  
 TGA :>380 °C (0.5% weight loss)



### LT-S956 | PDI1

N,N'-Bis(3,4,5-tridodecyloxyphenyl)-3,4,9,10-perylene dicarboximide

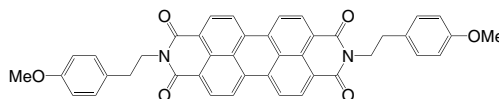
CAS No :351377-40-7  
 Grade :>99% (NMR)  
 Formula :C<sub>108</sub>H<sub>162</sub>N<sub>2</sub>O<sub>10</sub>  
 M.W. :1648.45 g/mole  
 UV :489, 526 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>290 °C (0.5% weight loss)



### LT-S960 | 4MeOPEPTC

N,N'-Bis[2-(4-methoxyphenyl)-ethyl]-3,4,9,10-perylene dicarboximide

CAS No :119215-14-4  
 Grade :Sublimed >99%  
 Formula :C<sub>42</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub>  
 M.W. :658.70 g/mole  
 UV :458, 524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :534 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)



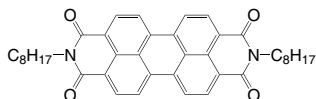


## Perylene Dyes

### LT-S970 | PTCDI-C8

N,N'-Dioctyl-3,4,9,10-perylene dicarboximide

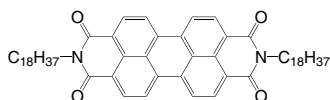
CAS No :78151-58-3  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>42</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :614.77 g/mole  
 UV :456, 524 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :573 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>390 °C (0.5% weight loss)



### LT-S9041 | PTCDI-C18H37

N,N'-Dioctadecyl-3,4,9,10-perylenedicarboximide

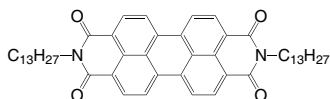
CAS No :25834-02-0  
 Grade :Sublimed >99%  
 Formula :C<sub>60</sub>H<sub>82</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :895.30 g/mole  
 UV :485, 520 nm (in Toluene)  
 TGA :>340 °C (0.5% weight loss)



### LT-S9042 | PTCDI-C13H27

N,N'-Ditridecyl-3,4,9,10-perylenedicarboximide

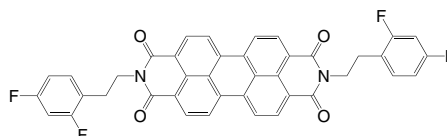
CAS No :95689-92-2  
 Grade :Sublimed >99%  
 Formula :C<sub>50</sub>H<sub>62</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :755.04 g/mole  
 UV :484, 520 nm (in Toluene)  
 TGA :>390 °C (0.5% weight loss)



### LT-S9049 | 24-FPEPTC

N,N'-Bis[2-(2,4-difluoro-phenyl)-ethyl]-3,4,9,10-perylene dicarboximide

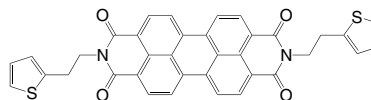
CAS No :1644439-37-1  
 Grade :Sublimed >99%  
 Formula :C<sub>40</sub>H<sub>22</sub>F<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :670.61 g/mole  
 UV :245 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>340 °C (0.5% weight loss)



### LT-S9059 | TEPTC

N,N'-Di(thiophen-2-yl)ethyl-3,4,9,10-perylene dicarboximide

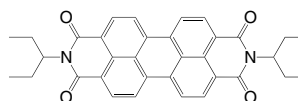
CAS No :1559069-50-9  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :610.70 g/mole  
 UV :260 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>400 °C (0.5% weight loss)



### LT-S9092 | 3PenPTC

N,N'-Bis(ethylpropyl)perylene-3,4,9,10-tetracarboxylicdiimide

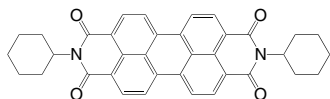
CAS No :110590-81-3  
 Grade :Sublimed >99%  
 Formula :C<sub>34</sub>H<sub>30</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :530.61 g/mole  
 TGA :>270 °C (0.5% weight loss)



## Perylene Dyes

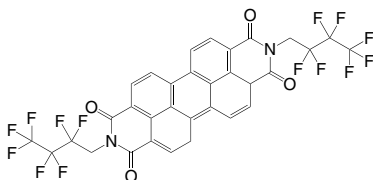
### LT-S9093 | DCyPTC

N,N'-Dicyclohexylperylene-3,4,9,10-tetracarboxylicdiimide  
 CAS No :41572-86-5  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>30</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :554.63 g/mole  
 TGA :>350 °C (0.5% weight loss)



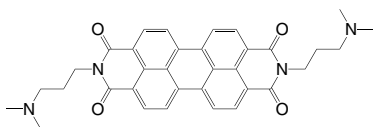
### LT-S9132 | PTCPI-CH2C3F7

N,N'-Bis(2,2,3,3,4,4,4-heptafluorobutyl)-3,4,9,10-perylene dicarboximide  
 CAS No :1150578-28-1  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>12</sub>F<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :756.44 g/mole  
 TGA :>300 °C (0.5% weight loss)



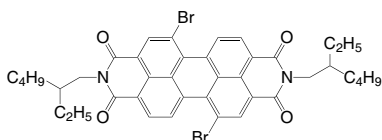
### LT-S9268 | PDIN

2,9-Bis(3-(dimethylamino)propyl)anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2H,9H)-tetraone  
 CAS No :117901-97-0  
 Formula :C<sub>34</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :560.64 g/mole



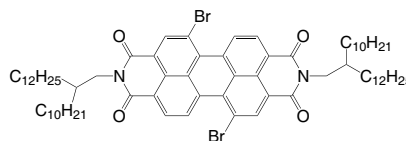
### LT-S9269

5,12-Dibromo-2,9-bis(2-ethylhexyl)anthra[2,1,9-def:6,5,10-d'e'f']-diisoquinoline-1,3,8,10(2H,9H)-tetraone  
 CAS No :851786-15-7  
 Formula :C<sub>40</sub>H<sub>40</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :772.56 g/mole



### LT-S9270

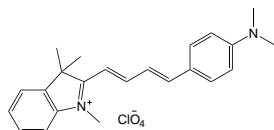
5,12-Dibromo-2,9-bis(2-decyltetradecyl)anthra[2,1,9-def:6,5,10-d'e'f']-diisoquinoline-1,3,8,10(2H,9H)-tetraone  
 CAS No :909019-78-9  
 Formula :C<sub>72</sub>H<sub>104</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :1221.42 g/mole



### LT-D1233

2-(((1E,3E)-4-(4-(dimethylamino)phenyl)buta-1,3-dien-1-yl)-1,3,3-trimethyl-3H-indolium perchlorate

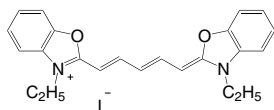
CAS No. : 76433-27-7  
 Grade : >96%  
 Formula :  $C_{23}H_{31}ClN_2O_4$   
 M.W. : 430.92 g/mole



### LT-D1246

3,3'-Diethyloxadicarbocyanine iodide

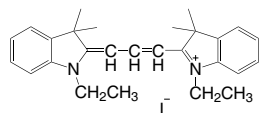
CAS No. : 14806-50-9  
 Grade : >98%  
 Formula :  $C_{23}H_{23}IN_2O_2$   
 M.W. : 486.35 g/mole



### LT-D1312

1,1'-Diethyl-3,3,3',3'-tetramethylindocarbocyanine iodide

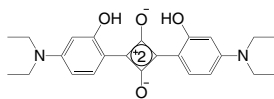
CAS No. : 14696-39-0  
 Grade : >98%  
 Formula :  $C_{27}H_{33}IN_2$   
 M.W. : 512.48 g/mole



### LT-D1313

2,4-Bis[4-(diethylamino)-2-hydroxyphenyl]squaraine

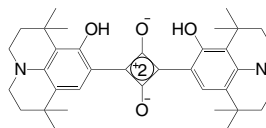
CAS No. : 68842-66-0  
 Grade : >98%  
 Formula :  $C_{24}H_{28}N_2O_4$   
 M.W. : 408.5 g/mole



### LT-D1314

2,4-Bis[8-hydroxy-1,1,7,7-tetramethyljulolidin-9-yl]squaraine

CAS No. : 358727-55-6  
 Grade : >98%  
 Formula :  $C_{36}H_{44}N_2O_4$   
 M.W. : 568.76 g/mole

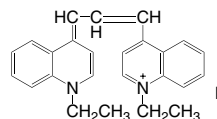


### LT-D1315

#### Cryptocyanine

1,1'-Diethyl-4,4'-carbocyanine iodide

CAS No. : 4727-50-8  
 Grade : >98%  
 Formula :  $C_{25}H_{25}IN_2$   
 M.W. : 480.39 g/mole

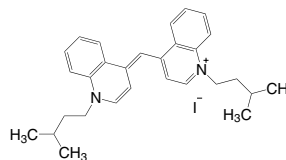


### LT-D1316

#### Cyanine

1,1'-Diisoamyl-4,4'-cyanine iodide

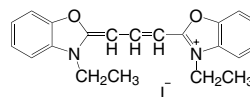
CAS No. : 523-42-2  
 Grade : >98%  
 Formula :  $C_{29}H_{35}IN_2$   
 M.W. : 538.52 g/mole



### LT-D1317

3,3'-Diethyloxacarbocyanine iodide

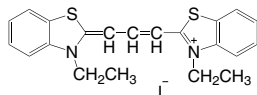
CAS No. : 905-96-4  
 Grade : >98%  
 Formula :  $C_{21}H_{21}IN_2O_2$   
 M.W. : 460.32 g/mole



### LT-D1318

#### 3,3'-Diethylthiacarbocyanine iodide

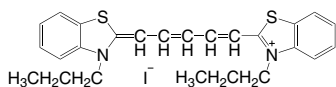
CAS No. : 905-97-5  
 Grade : >98%  
 Formula :  $C_{21}H_{21}IN_2S_2$   
 M.W. : 492.44 g/mole



### LT-D1319

#### 3,3'-Dipropylthiacarbocyanine iodide

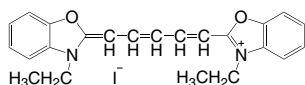
CAS No. : 53213-94-8  
 Grade : >98%  
 Formula :  $C_{25}H_{27}IN_2S_2$   
 M.W. : 546.53 g/mole



### LT-D1320

#### 3,3'-Diethyloxadiazocarbocyanine iodide

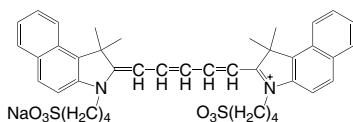
CAS No. : 14806-50-9  
 Grade : >98%  
 Formula :  $C_{23}H_{23}IN_2O_2$   
 M.W. : 486.35 g/mole



### LT-D1321

#### 3,3,3',3'-Tetramethyl-1,1'-bis(4-sulfobutyl)benzoindicarbocyanine sodium salt

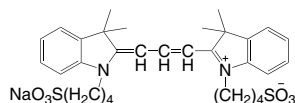
CAS No. : 64285-36-5  
 Grade : >98%  
 Formula :  $C_{41}H_{45}N_2NaO_6S_2$   
 M.W. : 748.93 g/mole



### LT-D1322

#### 3,3,3',3'-Tetramethyl-1,1'-bis(4-sulfobutyl)indocarbocyanine sodium salt

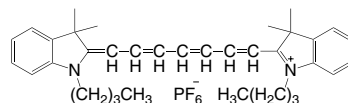
CAS No. : 120724-84-7  
 Grade : >98%  
 Formula :  $C_{31}H_{39}N_2NaO_6S_2$   
 M.W. : 622.77 g/mole



### LT-D1323

#### 1,1'-Dibutyl-3,3,3',3'-tetramethyl-indo-tricarbo-cyanine hexafluorophosphate

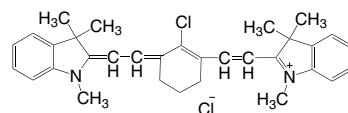
CAS No. : 134339-08-5  
 Grade : >98%  
 Formula :  $C_{35}H_{45}F_6N_2P$   
 M.W. : 638.72 g/mole



### LT-D1324

#### 2-[2-[2-Chloro-3-[2-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride

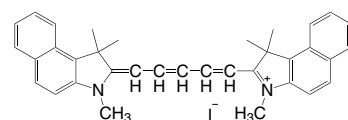
CAS No. : 199444-11-6  
 Grade : >90%  
 Formula :  $C_{32}H_{36}Cl_2N_2$   
 M.W. : 519.55 g/mole



### LT-D1325

#### 1,1,3-Trimethyl-2-[5-(1,1,3-trimethyl-1,3-dihydro-2H-benzo[e]-indol-2-ylidene)-1,3-pentadienyl]-1H-benzo[e]indolium iodide

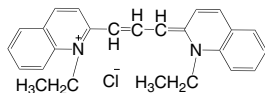
CAS No. : 56289-64-6  
 Grade : >97%  
 Formula :  $C_{35}H_{35}IN_2$   
 M.W. : 610.58 g/mole



### LT-D1326

1,1'-Diethyl-2,2'-carbocyanine chloride

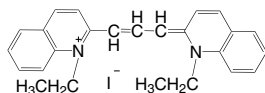
CAS No. : 2768-90-3  
Grade : >90%  
Formula :  $C_{25}H_{25}ClN_2$   
M.W. : 388.94 g/mole



### LT-D1327

1,1'-Diethyl-2,2'-carbocyanine iodide

CAS No. : 605-91-4  
Grade : >90%  
Formula :  $C_{25}H_{25}IN_2$   
M.W. : 480.39 g/mole

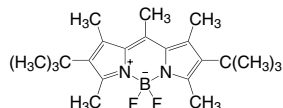


## Dipyrrromethene Dyes

### LT-D1328

[[[4-tert-Butyl-3,5-dimethyl-1H-pyrrol-2-yl](4-tert-butyl-3,5-dimethyl-2H-pyrrol-2-ylidene)methyl]methane](difluoroborane)

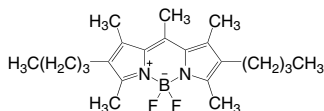
CAS No. : 137829-79-9  
 Grade : >98%  
 Formula :  $C_{22}H_{33}BF_2N_2$   
 M.W. : 374.33 g/mole



### LT-D1329

[[[4-Butyl-3,5-dimethyl-1H-pyrrol-2-yl](4-butyl-3,5-dimethyl-2H-pyrrol-2-ylidene)methyl]methane](difluoroborane)

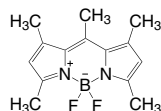
CAS No. : 151486-56-5  
 Grade : >97%  
 Formula :  $C_{22}H_{33}BF_2N_2$   
 M.W. : 374.33 g/mole



### LT-D1330

[[[3,5-Dimethyl-1H-pyrrol-2-yl](3,5-dimethyl-2H-pyrrol-2-ylidene)methyl]methane](difluoroborane)

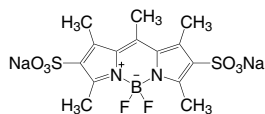
CAS No. : 121207-31-6  
 Grade : >98%  
 Formula :  $C_{14}H_{17}BF_2N_2$   
 M.W. : 262.11 g/mole



### LT-D1331

[[[3,5-Dimethyl-4-sulfo-1H-pyrrol-2-yl](3,5-dimethyl-4-sulfo-2H-pyrrol-2-ylidene)methyl]methane](difluoroborane) disodium salt

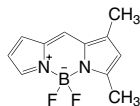
CAS No. : 121461-69-6  
 Grade : >96%  
 Formula :  $C_{14}H_{15}BF_2N_2Na_2O_6S_2$   
 M.W. : 466.19 g/mole



### LT-D1333

4,4-Difluoro-1,3-dimethyl-4-bora-3a,4a-diaza-s-indacene

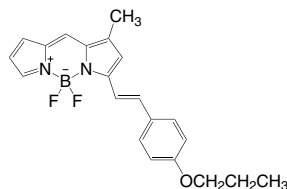
CAS No. : 154793-49-4  
 Grade : >98%  
 Formula :  $C_{11}H_{11}BF_2N$   
 M.W. : 220.03 g/mole



### LT-D1334

4,4-Difluoro-1-methyl-3-(4-propoxystyryl)-4-bora-3a,4a-diaza-s-indacene

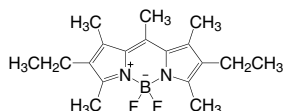
CAS No. : 1201643-08-4  
 Grade : >98%  
 Formula :  $C_{21}H_{21}BF_2N_2O$   
 M.W. : 366.22 g/mole



### LT-D1335

[[[4-Ethyl-3,5-dimethyl-1H-pyrrol-2-yl](4-ethyl-3,5-dimethyl-2H-pyrrol-2-ylidene)methyl]methane](difluoroborane)

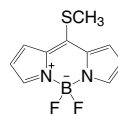
CAS No. : 131083-16-4  
 Grade : >98%  
 Formula :  $C_{18}H_{25}BF_2N_2$   
 M.W. : 318.22 g/mole



### LT-D1336

[2-[(Methylthio)(2H-pyrrol-2-ylidene)methyl]-1H-pyrrole](difluoroborane)

CAS No. : 892505-41-8  
 Grade : >98%  
 Formula :  $C_{10}H_9BF_2N_2S$   
 M.W. : 238.06 g/mole

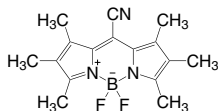


## Dipyrrromethene Dyes

### LT-D1337

[[[(3,4,5-Trimethyl-1H-pyrrol-2-yl)(3,4,5-trimethyl-2H-pyrrol-2-ylidene)methyl]carbonitrile](difluoroborane)

CAS No. : 157410-23-6  
 Grade : >98%  
 Formula :  $C_{16}H_{18}BF_2N_3$   
 M.W. : 301.15 g/mole



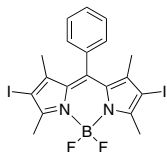
### LT-D1392

IBDP

**NEW**

2,6-Diiodo-1,3,5,7-tetramethyl-8-phenyl-4,4-difluoroboradiazasindacene

CAS No. : 1083009-44-2  
 Grade : >99%  
 Formula :  $C_{19}H_{17}BF_2I_2N_2$   
 M.W. : 575.97 g/mole



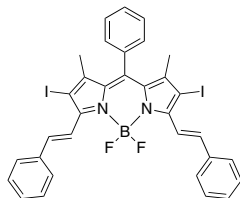
### LT-D1393

Sty-IBDP

**NEW**

5,5-Difluoro-2,8-diiodo-1,9-dimethyl-10-phenyl-3,7-di((E)-styryl)-5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin

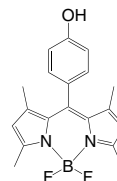
CAS No. : 1437797-58-4  
 Grade : >99%  
 Formula :  $C_{33}H_{25}BF_2I_2N_2$   
 M.W. : 752.18 g/mole



### K1376

4,4-Difluoro-8-(4'-hydroxyphenyl)-1,3,5,7-tetramethyl-4-bora-3a,4a-diaza-s-indacene

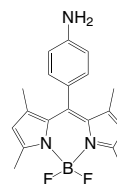
CAS No. : 870992-10-2  
 Grade : >95%  
 Formula :  $C_{19}H_{19}BF_2N_2O$   
 M.W. : 341.18 g/mole



### K1377

4,4-Difluoro-8(4'-aminophenyl)-1,3,5,7-tetramethyl-4-bora-3a,4a-diaza-s-indacene

CAS No. : 321895-93-6  
 Grade : >95%  
 Formula :  $C_{19}H_{20}BF_2N_3$   
 M.W. : 339.19 g/mole

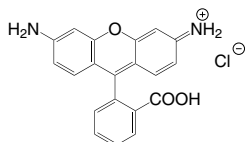


## Xanthene Dyes

### LT-D1232

6-Amino-9-(2-carboxyphenyl)-3H-xanthen-3-iminium chloride

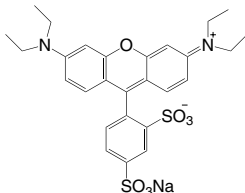
CAS No. : 13558-31-1  
 Grade : >98%  
 Formula :  $C_{20}H_{15}ClN_2O_3$   
 M.W. : 366.8 g/mole



### LT-D1338

Sulforhodamine B sodium salt

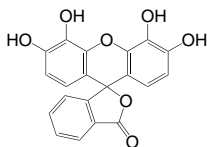
CAS No. : 3520-42-1  
 Grade : >98%  
 Formula :  $C_{27}H_{29}N_2NaO_7S_2$   
 M.W. : 580.65 g/mole



### LT-D1339

Alizarin violet

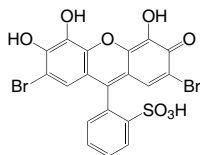
CAS No. : 2103-64-2  
 Grade : >85%  
 Formula :  $C_{20}H_{12}O_7$   
 M.W. : 364.31 g/mole



### LT-D1340

Dibromopyrogallolsulfonphthaleine

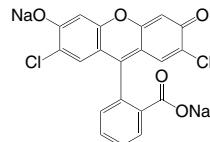
CAS No. : 16574-43-9  
 Grade : >99%  
 Formula :  $C_{19}H_{10}Br_2O_8S$   
 M.W. : 558.15 g/mole



### LT-D1341

2',7'-Dichlorofluorescein sodium salt

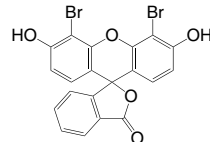
CAS No. : 80471-69-8  
 Grade : >98%  
 Formula :  $C_{20}H_8Cl_2Na_2O_5$   
 M.W. : 445.16 g/mole



### LT-D1342

Dibromofluorescein

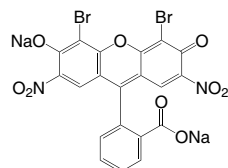
CAS No. : 596-03-2  
 Grade : >98%  
 Formula :  $C_{20}H_{10}Br_2O_5$   
 M.W. : 490.1 g/mole



### LT-D1343

Acid Red 91

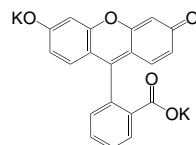
CAS No. : 548-24-3  
 Grade : >85%  
 Formula :  $C_{20}H_6Br_2N_2Na_2O_9$   
 M.W. : 624.06 g/mole



### LT-D1344

Fluorescein potassium salt

CAS No. : 6417-85-2  
 Grade : >98%  
 Formula :  $C_{20}H_{10}K_2O_5$   
 M.W. : 408.49 g/mole



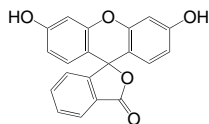


## Xanthene Dyes

### LT-D1345

#### Fluorescein

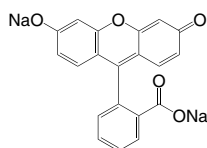
CAS No. : 2321-07-5  
 Grade : >97%  
 Formula :  $C_{20}H_{12}O_5$   
 M.W. : 332.31 g/mole



### LT-D1346

#### Uranine

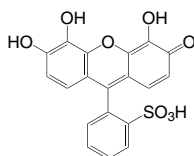
CAS No. : 518-47-8  
 Grade : >90%  
 Formula :  $C_{20}H_{10}Na_2O_5$   
 M.W. : 376.27 g/mole



### LT-D1347

#### Pyrogallol Red

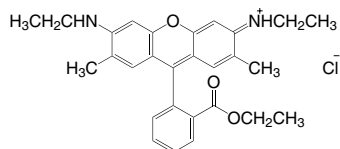
CAS No. : 32638-88-3  
 Grade : >95%  
 Formula :  $C_{19}H_{12}O_8S$   
 M.W. : 400.36 g/mole



### LT-D1348

#### Rhodamine 6G

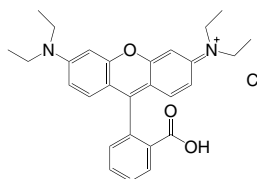
CAS No. : 989-38-8  
 Grade : >97%  
 Formula :  $C_{28}H_{31}ClN_2O_3$   
 M.W. : 479.02 g/mole



### LT-D1349

#### Rhodamine B

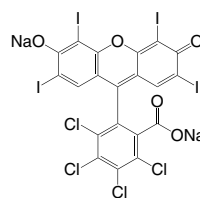
CAS No. : 81-88-9  
 Grade : >95%  
 Formula :  $C_{28}H_{31}ClN_2O_3$   
 M.W. : 479.02 g/mole



### LT-D1350

#### Acid Red 94

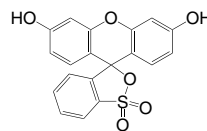
CAS No. : 632-69-9  
 Grade : >90%  
 Formula :  $C_{20}H_2Cl_4I_4Na_2O_5$   
 M.W. : 1017.64 g/mole



### LT-D1351

#### Sulfonfluorescein

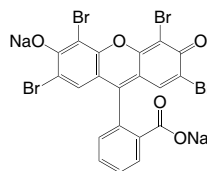
CAS No. : 4424-03-7  
 Grade : >75%  
 Formula :  $C_{19}H_{12}O_6S$   
 M.W. : 368.36 g/mole



### LT-D1352

#### Acid Red 87

CAS No. : 17372-87-1  
 Grade : >90%  
 Formula :  $C_{20}H_6Br_4Na_2O_5$   
 M.W. : 691.86 g/mole

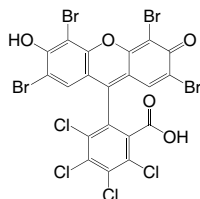


## Xanthene Dyes

### LT-D1353

2',4',5',7'-Tetrabromo-3,4,5,6-tetrachlorofluorescein

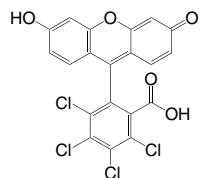
CAS No. : 13473-26-2  
 Grade : >85%  
 Formula :  $C_{20}H_4Br_4Cl_4O_5$   
 M.W. : 785.67 g/mole



### LT-D1354

3,4,5,6-Tetrachlorofluorescein

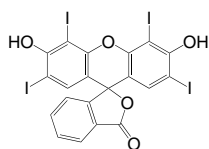
CAS No. : 6262-21-1  
 Grade : >98%  
 Formula :  $C_{20}H_8Cl_4O_5$   
 M.W. : 470.09 g/mole



### LT-D1355

Tetraiodofluorescein

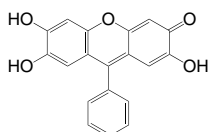
CAS No. : 15905-32-5  
 Grade : >95%  
 Formula :  $C_{20}H_8I_4O_5$   
 M.W. : 835.9 g/mole



### LT-D1356

Phenylfluorone

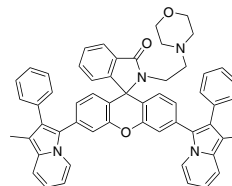
CAS No. : 975-17-7  
 Grade : >99%  
 Formula :  $C_{19}H_{12}O_5$   
 M.W. : 320.3 g/mole



### LT-D1358

3',6'-bis(1-methyl-2-phenylindolizin-3-yl)-2-(2-morpholinoethyl)spiro[isindoline-1,9'-xanthen]-3-one

Grade : >98%  
 Formula :  $C_{56}H_{46}N_4O_3$   
 M.W. : 822.99 g/mole



## Quinacridone

LT-D1400

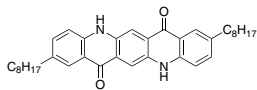
**NEW**

2,9-Dioctylquinolino[2,3-b]acridine-7,14(5H,12H)-dione

Grade : > 97%

Formula :  $C_{36}H_{44}N_2O_2$

M.W. : 536.75 g/mole



### LT-D3001

**NEW**

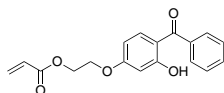
2-(4-Benzoyl-3-hydroxyphenoxy)ethyl acrylate

CAS No. :16432-81-8

Grade :>99%

Formula :C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>

M.W. :312.32 g/mole



### LT-D3003

**NEW**

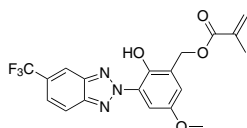
2-Hydroxy-5-methoxy-3-(5-(trifluoromethyl)-2H-benzo[d][1,2,3]triazol-2-yl)benzyl methacrylate

CAS No. :1224932-87-9

Grade :>97%

Formula :C<sub>19</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>

M.W. :407.34 g/mole



### LT-D3004

**NEW**

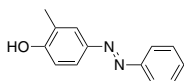
4-(Phenylazo)-o-cresol

CAS No. :621-66-9

Grade :>97%

Formula :C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>O

M.W. :212.25 g/mole



### LT-D3005

**NEW**

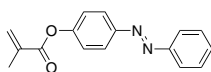
4-Methacryloyloxyazobenzene

CAS No. :128818-49-5

Grade :>97%

Formula :C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :266.29 g/mole



### LT-D3006

Disperse Yellow 3

**NEW**

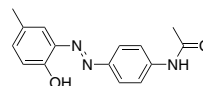
N-[4-[2-(2-Hydroxy-5-methylphenyl)diazenyl]phenyl]-acetamide

CAS No. :2832-40-8

Grade :>97%

Formula :C<sub>15</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :269.3 g/mole



### LT-D3007

**NEW**

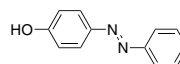
4-Phenylazophenol

CAS No. :1689-82-3

Grade :>98%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O

M.W. :198.22 g/mole



### LT-D3008

**NEW**

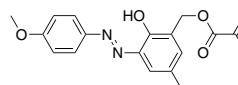
2-Hydroxy-3-((4-methoxyphenyl)diazenyl)-5-methylbenzyl methacrylate

CAS No. :1260217-37-5

Grade :>97%

Formula :C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :340.37 g/mole



### LT-D3009

**NEW**

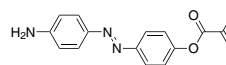
4-(p-Aminophenylazo)-phenylmethacrylat

CAS No. :53196-76-2

Grade :>97%

Formula :C<sub>16</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :281.31 g/mole



### LT-D3010

**NEW**

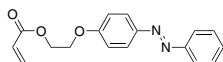
2-(4-Phenylazophenoxy)ethyl acrylate

CAS No. :213465-23-7

Grade :>97%

Formula :C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>

M.W. :296.32 g/mole



### LT-D3011

**NEW**

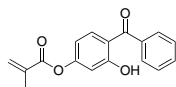
4-Methacryloxy-2-hydroxybenzophenone

CAS No. :2035-72-5

Grade :>99%

Formula :C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :282.29 g/mole



### LT-D3012

**NEW**

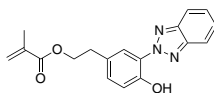
2-[3-(2H-Benzotriazol-2-yl)-4-hydroxyphenyl]ethyl methacrylate

CAS No. :96478-09-0

Grade :>98%

Formula :C<sub>18</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>

M.W. :323.35 g/mole



### LT-D3013

**NEW**

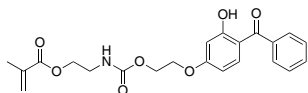
2-(((2-(4-Benzoyl-3-hydroxyphenoxy)ethoxy)carbonyl)amino)ethyl methacrylate

CAS No. :130873-11-9

Grade :>97%

Formula :C<sub>22</sub>H<sub>23</sub>NO<sub>7</sub>

M.W. :413.42 g/mole



## C0001

## 3-(Aminomethyl)aniline

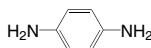
CAS No. : 4403-70-7  
 Grade : >98% (GC)  
 Formula :  $C_7H_{10}N_2$   
 M.W. : 122.17 g/mole



## C0002

## 1,4-Phenylenediamine

CAS No. : 106-50-3  
 Grade : >98% (GC)  
 Formula :  $C_6H_8N_2$   
 M.W. : 108.14 g/mole



## C0003

## 1,3-Phenylenediamine

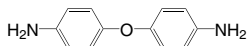
CAS No. : 108-45-2  
 Grade : >98% (GC)  
 Formula :  $C_6H_8N_2$   
 M.W. : 108.14 g/mole



## C0004 4'4ODA

## 4,4'-Diaminodiphenyl Ether

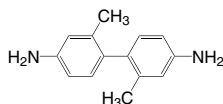
CAS No. : 101-80-4  
 Grade : >99%  
 Formula :  $C_{12}H_{12}N_2O$   
 M.W. : 200.24 g/mole



## C0005 m-Tolidine

## 4,4'-Diamino-2,2'-dimethylbiphenyl

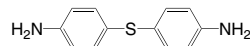
CAS No. : 84-67-3  
 Grade : >99.5%  
 Formula :  $C_{14}H_{16}N_2$   
 M.W. : 212.3 g/mole



## C0006 ASD

## Bis(4-aminophenyl) Sulfide

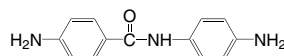
CAS No. : 139-65-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2S$   
 M.W. : 216.3 g/mole



## C0007 4,4'-DABA

## 4,4'-Diaminobenzanilide

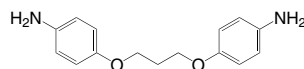
CAS No. : 785-30-8  
 Grade : >99% (HPLC)  
 Formula :  $C_{13}H_{13}N_3O$   
 M.W. : 227.27 g/mole



## C0008

## 4-[3-(4-Aminophenoxy)propoxy]aniline

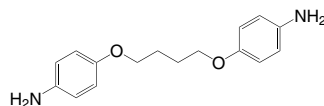
CAS No. : 52980-20-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{15}H_{18}N_2O_2$   
 M.W. : 258.32 g/mole



## C0009

## 4,4'-(1,4-Butanediyl)dioxydianiline

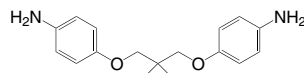
CAS No. : 6245-50-7  
 Grade : >98% (HPLC)  
 Formula :  $C_{16}H_{20}N_2O_2$   
 M.W. : 272.3 g/mole



## C0010

## 2,2-Bis[(4-aminophenoxy)methyl]propane

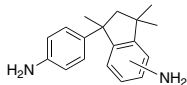
CAS No. : 115570-52-0  
 Grade : >97% (HPLC)  
 Formula :  $C_{17}H_{22}N_2O_2$   
 M.W. : 286.38 g/mole



**C0011** | PIDA

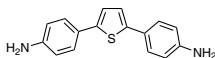
1-(4-Aminophenyl)-1,3,3-trimethyl-2H-inden-5-amine

CAS No. : 54628-89-6  
 Grade : >99% (HPLC) with isomer  
 Formula :  $C_{18}H_{22}N_2$   
 M.W. : 266.38 g/mole

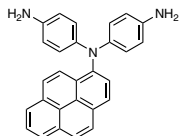
**K1362** |

2,5-Bis(4-aminophenylsulfanyl) thiophene

CAS No. : 70010-49-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{16}H_{14}N_2S$   
 M.W. : 266.36 g/mole

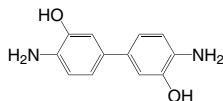
**K1363** |N<sup>1</sup>-(4-aminophenyl)-N<sup>1</sup>-1-pyrenyl-1,4-benzenediamine

CAS No. : 1232690-46-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{28}H_{21}N_3$   
 M.W. : 399.49 g/mole

**C0014** | HAB

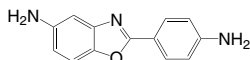
3,3'-Dihydroxybenzidine

CAS No. : 2373-98-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2O_2$   
 M.W. : 216.24 g/mole

**C0015** |

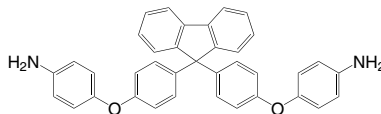
2-(4-Aminophenyl)benzoxazol-5-amine

CAS No. : 13676-47-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{13}H_{11}N_3O$   
 M.W. : 225.25 g/mole

**C0016** |

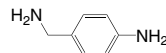
9,9-Bis(4-(4-aminophenoxy)phenyl)fluorene

CAS No. : 47823-88-1  
 Grade : >98%  
 Formula :  $C_{37}H_{28}N_2O_2$   
 M.W. : 532.63 g/mole

**C0017** |

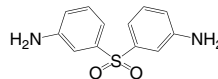
4-(Aminomethyl)aniline

CAS No. : 4403-71-8  
 Grade : >98% (GC)  
 Formula :  $C_7H_{10}N_2$   
 M.W. : 122.17 g/mole

**C0018** |

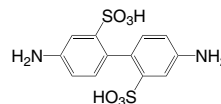
3,3'-Diaminodiphenyl Sulfone

CAS No. : 599-61-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2O_2S$   
 M.W. : 248.3 g/mole

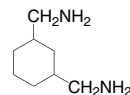
**C0019** |

4,4'-Diamino-2,2'-biphenyldisulfonic Acid (contains 30% Water at maximum)

CAS No. : 117-61-3  
 Grade : urity(Neutralization titration) min. 70.0 %  
 Water max. 30.0 %(HPLC)  
 Formula :  $C_{12}H_{12}N_2O_6S_2$   
 M.W. : 344.36 g/mole

**C0020** |1,3-Bis(aminomethyl)cyclohexane (*cis*- and *trans*- mixture)

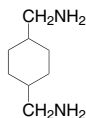
CAS No. : 2579-20-6  
 Grade : >98% (GC)  
 Formula :  $C_8H_{18}N_2$   
 M.W. : 142.25 g/mole



### C0021

1,4-Bis(aminomethyl)cyclohexane (*cis*- and *trans*- mixture)

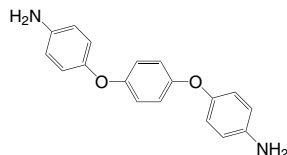
CAS No. : 2549-93-1  
 Grade : >98% (GC)  
 Formula :  $C_8H_{18}N_2$   
 M.W. : 142.25 g/mole



### C0022 TPE-Q

1,4-Bis(4-aminophenoxy)benzene

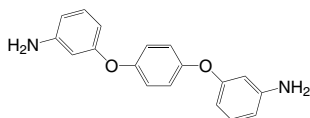
CAS No. : 3491-12-1  
 Grade : >98% (GC)  
 Formula :  $C_{18}H_{16}N_2O_2$   
 M.W. : 292.34 g/mole



### C0023

1,4-Bis(3-aminophenoxy)benzene

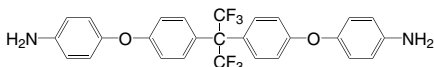
CAS No. : 59326-56-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{18}H_{16}N_2O_2$   
 M.W. : 292.34 g/mole



### C0024 HFBAPP

2,2-Bis[4-(4-aminophenoxy)phenyl]hexafluoropropane

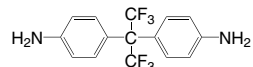
CAS No. : 69563-88-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{27}H_{20}F_6N_2O_2$   
 M.W. : 518.46 g/mole



### C0025 BIS-A-AF

2,2-Bis(4-aminophenyl)hexafluoropropane

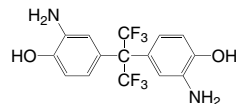
CAS No. : 1095-78-9  
 Grade : >98% (GC)  
 Formula :  $C_{15}H_{12}F_6N_2$   
 M.W. : 334.27 g/mole



### C0026 6FAP

2,2-Bis(3-amino-4-hydroxyphenyl)hexafluoropropane

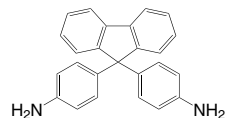
CAS No. : 83558-87-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{15}H_{12}F_6N_2O_2$   
 M.W. : 366.26 g/mole



### C0027 FDA / BAFL

9,9-Bis(4-aminophenyl)fluorene

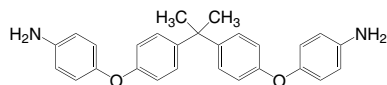
CAS No. : 15499-84-0  
 Grade : >99% (HPLC)  
 Formula :  $C_{25}H_{20}N_2$   
 M.W. : 348.45 g/mole



### C0028 BAPP

2,2-Bis[4-(4-aminophenoxy)phenyl]propane

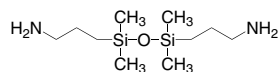
CAS No. : 13080-86-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{27}H_{26}N_2O_2$   
 M.W. : 410.52 g/mole



### C0029

Tetramethyl-1,3-bis(3-aminopropyl)disiloxane

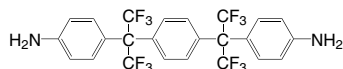
CAS No. : 2469-55-8  
 Grade : >99%  
 Formula :  $C_{10}H_{28}N_2OSi_2$   
 M.W. : 248.52 g/mole





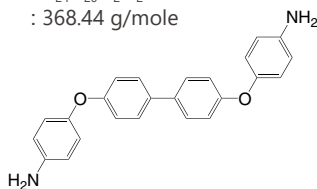
**C0030** | Bisaniline P*α,α'*-Bis(4-aminophenyl)-1,4-diisopropylbenzene

CAS No. : 2716-10-1  
 Grade : >99% (GC)  
 Formula :  $C_{24}H_{28}N_2$   
 M.W. : 344.5 g/mole

**C0031** | BAPB

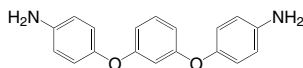
4,4'-Bis(4-aminophenoxy)biphenyl

CAS No. : 13080-85-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{24}H_{20}N_2O_2$   
 M.W. : 368.44 g/mole

**C0032** | TPE-R

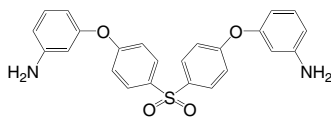
1,3-Bis(4-aminophenoxy)benzene

CAS No. : 2479-46-1  
 Grade : >98% (GC)  
 Formula :  $C_{18}H_{16}N_2O_2$   
 M.W. : 292.34 g/mole

**C0033** | m-BAPS

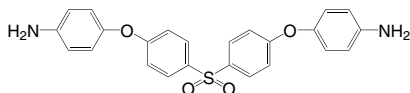
Bis[4-(3-aminophenoxy)phenyl] Sulfone

CAS No. : 30203-11-3  
 Grade : >98% (HPLC)  
 Formula :  $C_{24}H_{20}N_2O_4S$   
 M.W. : 432.49 g/mole

**C0034** | BAPS

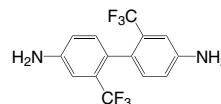
Bis[4-(4-aminophenoxy)phenyl] Sulfone

CAS No. : 13080-89-2  
 Grade : >98% (HPLC)  
 Formula :  $C_{24}H_{20}N_2O_4S$   
 M.W. : 432.49 g/mole

**C0035** | TFMB

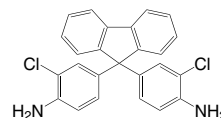
2,2'-Bis(trifluoromethyl)benzidine

CAS No. : 341-58-2  
 Grade : >99.8% (HPLC)  
 Formula :  $C_{14}H_{10}F_6N_2$   
 M.W. : 320.24 g/mole

**C0036**

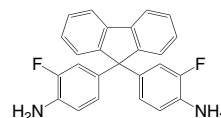
9,9-Bis(4-amino-3-chlorophenyl)fluorene

CAS No. : 107934-68-9  
 Grade : >98% (HPLC)  
 Formula :  $C_{25}H_{18}Cl_2N_2$   
 M.W. : 417.33 g/mole

**C0037** | FFDA

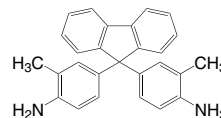
9,9-Bis(4-amino-3-fluorophenyl)fluorene

CAS No. : 127926-65-2  
 Grade : >98% (HPLC)  
 Formula :  $C_{25}H_{18}F_2N_2$   
 M.W. : 384.43 g/mole

**C0038**

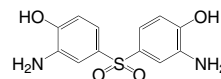
9,9-Bis(4-amino-3-methylphenyl)fluorene

CAS No. : 107934-60-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{27}H_{24}N_2$   
 M.W. : 376.5 g/mole

**C0039** | BAS

Bis(3-amino-4-hydroxyphenyl) Sulfone

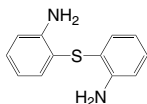
CAS No. : 7545-50-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2O_4S$   
 M.W. : 280.3 g/mole



## C0040

## Bis(2-aminophenyl) Sulfide

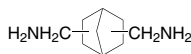
CAS No. : 5873-51-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2S$   
 M.W. : 216.3 g/mole



## C0041

## Bis(aminomethyl)norbornane (mixture of isomers)

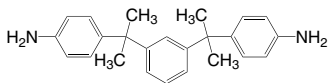
CAS No. : 56602-77-8  
 Grade : >98% (GC)  
 Formula :  $C_9H_{18}N_2$   
 M.W. : 154.26 g/mole



## C0042

## 1,3-Bis[2-(4-aminophenyl)-2-propyl]benzene

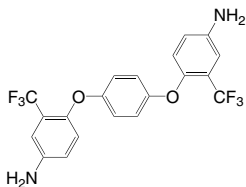
CAS No. : 2687-27-6  
 Grade : >98% (GC)  
 Formula :  $C_{24}H_{28}N_2$   
 M.W. : 344.5 g/mole



## C0043 p-6FAPB

## 1,4-Bis(4-amino-2-trifluoromethylphenoxy)benzene

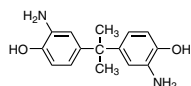
CAS No. : 94525-05-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{20}H_{14}F_6N_2O_2$   
 M.W. : 428.33 g/mole



## C0044 BAP

## 2,2-Bis(3-amino-4-hydroxyphenyl)propane

CAS No. : 1220-78-6  
 Grade : >98%  
 Formula :  $C_{15}H_{18}N_2O_2$   
 M.W. : 258.32 g/mole



## C0045

1,3-Cyclohexanediamine (*cis*- and *trans*- mixture)

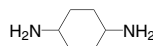
CAS No. : 3385-21-5  
 Grade : >95% (GC)  
 Formula :  $C_6H_{14}N_2$   
 M.W. : 114.19 g/mole



## C0046

1,4-Cyclohexanediamine (*cis*- and *trans*- mixture)

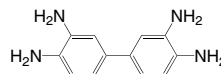
CAS No. : 3114-70-3  
 Grade : >97% (GC)  
 Formula :  $C_6H_{14}N_2$   
 M.W. : 114.19 g/mole



## C0047 DAB

## 3,3'-Diaminobenzidine

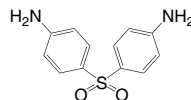
CAS No. : 91-95-2  
 Grade : >97% (HPLC)  
 Formula :  $C_{12}H_{14}N_4$   
 M.W. : 214.27 g/mole



## C0048

## Bis(4-aminophenyl) Sulfone

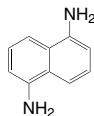
CAS No. : 80-08-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{12}N_2O_2S$   
 M.W. : 248.3 g/mole



## C0050 | 1,5-DAN

## 1,5-Diaminonaphthalene

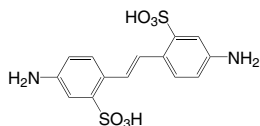
CAS No. : 2243-62-1  
 Grade : >98%  
 Formula :  $C_{10}H_{10}N_2$   
 M.W. : 158.2 g/mole



## C0051 |

## 4,4'-Diaminostilbene-2,2'-disulfonic Acid

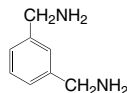
CAS No. : 81-11-8  
 Grade : >94% (HPLC)  
 Formula :  $C_{14}H_{14}N_2O_6S_2$   
 M.W. : 370.39 g/mole



## C0052 | MXDA

*m*-Xylylenediamine

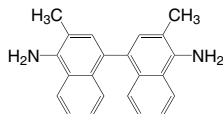
CAS No. : 1477-55-0  
 Grade : >99% (GC)  
 Formula :  $C_8H_{12}N_2$   
 M.W. : 136.2 g/mole



## C0053 |

## 3,3'-Dimethylnaphthidine

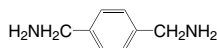
CAS No. : 13138-48-2  
 Grade : >97% (HPLC)  
 Formula :  $C_{22}H_{20}N_2$   
 M.W. : 312.42 g/mole



## C0054 |

*p*-Xylylenediamine

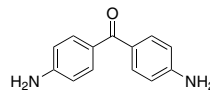
CAS No. : 539-48-0  
 Grade : >99% (GC)  
 Formula :  $C_8H_{12}N_2$   
 M.W. : 136.2 g/mole



## C0055 |

## 4,4'-Diaminobenzophenone

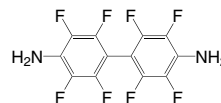
CAS No. : 611-98-3  
 Grade : >98% (HPLC)  
 Formula :  $C_{13}H_{12}N_2O$   
 M.W. : 212.25 g/mole



## C0056 |

## 4,4'-Diaminoctafluorobiphenyl

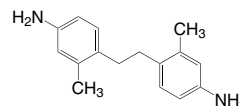
CAS No. : 1038-66-0  
 Grade : >97% (GC)  
 Formula :  $C_{12}H_4F_8N_2$   
 M.W. : 328.17 g/mole



## C0057 |

## 4,4'-Diamino-2,2'-dimethylbiphenyl

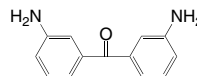
CAS No. : 54628-21-6  
 Grade : >95% (HPLC)  
 Formula :  $C_{16}H_{20}N_2$   
 M.W. : 240.35 g/mole



## C0058 |

## 3,3'-Diaminobenzophenone

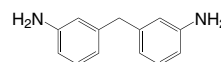
CAS No. : 611-79-0  
 Grade : >95% (GC)  
 Formula :  $C_{13}H_{12}N_2O$   
 M.W. : 212.25 g/mole



## C0059 |

## 3,3'-Diaminodiphenylmethane

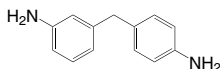
CAS No. : 19471-12-6  
 Grade : >98% (GC)  
 Formula :  $C_{13}H_{14}N_2$   
 M.W. : 198.27 g/mole



## C0060

## 3,4'-Diaminodiphenylmethane

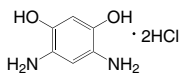
CAS No. : 19430-83-2  
 Grade : >98% (GC)  
 Formula :  $C_{13}H_{14}N_2$   
 M.W. : 198.27 g/mole



## C0061

## 4,6-Diaminoresorcinol Dihydrochloride

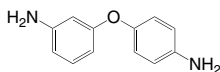
CAS No. : 16523-31-2  
 Grade : >98% (HPLC)  
 Formula :  $C_6H_8N_2O_2 \cdot 2HCl$   
 M.W. : 213.06 g/mole



## C0062 | 3,4'-ODA

## 3,4'-Diaminodiphenyl Ether

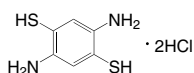
CAS No. : 2657-87-6  
 Grade : >99%  
 Formula :  $C_{12}H_{12}N_2O$   
 M.W. : 200.24 g/mole



## C0063

## 2,5-Diamino-1,4-benzenedithiol Dihydrochloride

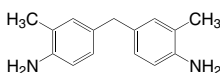
CAS No. : 75464-52-7  
 Grade : >97% (HPLC)  
 Formula :  $C_6H_8N_2S_2 \cdot 2HCl$   
 M.W. : 245.18 g/mole



## C0064

## 4,4'-Diamino-3,3'-dimethyldiphenylmethane

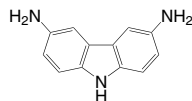
CAS No. : 838-88-0  
 Grade : >97% (HPLC)  
 Formula :  $C_{15}H_{18}N_2$   
 M.W. : 226.32 g/mole



## C0065

## 9H-Carbazole-3,6-diamine

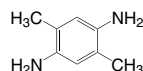
CAS No. : 86-71-5  
 Grade : >98% (HPLC)  
 Formula :  $C_{12}H_{11}N_3$   
 M.W. : 197.24 g/mole



## C0066

## 2,5-Dimethyl-1,4-phenylenediamine

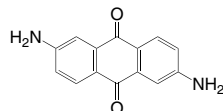
CAS No. : 6393-01-7  
 Grade : >98% (GC)  
 Formula :  $C_8H_{12}N_2$   
 M.W. : 136.2 g/mole



## C0067 | 2,6-DAAQ

## 2,6-Diaminoanthraquinone

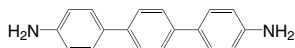
CAS No. : 131-14-6  
 Grade : >97% (HPLC)  
 Formula :  $C_{14}H_{10}N_2O_2$   
 M.W. : 238.25 g/mole



## C0068 | DATP

## 4,4''-Diamino-p-terphenyl

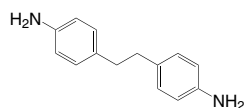
CAS No. : 3365-85-3  
 Grade : >98% (HPLC)  
 Formula :  $C_{18}H_{16}N_2$   
 M.W. : 260.34 g/mole



## C0069

## 4,4'-Ethylenedianiline

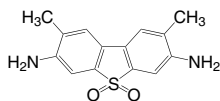
CAS No. : 621-95-4  
 Grade : >97% (GC)  
 Formula :  $C_{14}H_{16}N_2$   
 M.W. : 212.3 g/mole



## C0071

3,7-Diamino-2,8-dimethyldibenzothiophene Sulfone (contains 2,6-Dimethyl isomer)

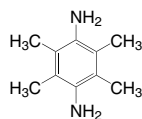
CAS No. : 55011-44-4  
 Grade : > 70% (HPLC)  
 Formula :  $C_{14}H_{14}N_2O_2S$   
 M.W. : 274.34 g/mole



## C0072

2,3,5,6-Tetramethyl-1,4-phenylenediamine

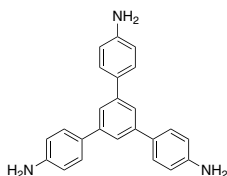
CAS No. : 3102-87-2  
 Grade : >98% (GC)  
 Formula :  $C_{10}H_{16}N_2$   
 M.W. : 164.25 g/mole



## C0073 TAPB

1,3,5-Tris(4-aminophenyl)benzene

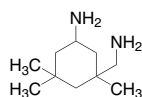
CAS No. : 118727-34-7  
 Grade : >95% (HPLC)  
 Formula :  $C_{24}H_{21}N_3$   
 M.W. : 351.45 g/mole



## C0074

Isophoronediamine (*cis*- and *trans*-mixture)

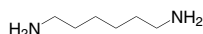
CAS No. : 2855-13-2  
 Grade : >99% (GC)  
 Formula :  $C_{10}H_{22}N_2$   
 M.W. : 170.3 g/mole



## C0075

1,6-Diaminohexane

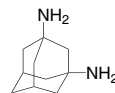
CAS No. : 124-09-4  
 Grade : >99% (GC)  
 Formula :  $C_6H_{16}N_2$   
 M.W. : 116.21 g/mole



## C0076

Adamantane-1,3-diamine

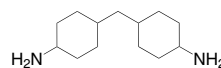
CAS No. : 10303-95-4  
 Grade : >98% (GC)  
 Formula :  $C_{10}H_{18}N_2$   
 M.W. : 166.27 g/mole



## C0078

4,4'-Methylenebis(cyclohexylamine) (mixture of isomers)

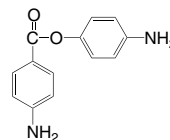
CAS No. : 1761-71-3  
 Grade : >97% (GC)  
 Formula :  $C_{13}H_{26}N_2$   
 M.W. : 210.37 g/mole



## C0079 APAB

4-Aminophenyl-4-aminobenzoate

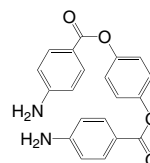
CAS No. : 20610-77-9  
 Grade : >98% (GC)  
 Formula :  $C_{13}H_{12}N_2O_2$   
 M.W. : 228.25 g/mole



## C0080 ABHQ

1,4-Phenylene-di-4-aminobenzoate

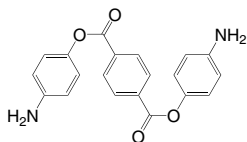
CAS No. : 22095-98-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{20}H_{16}N_2O_4$   
 M.W. : 348.35 g/mole



**C0081** | BPTP

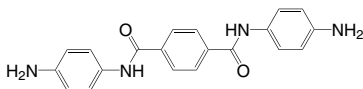
Bis(4-aminophenyl)terephthalate

CAS No. : 16926-73-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{20}H_{16}N_2O_4$   
 M.W. : 348.35 g/mole

**C0082** | BPTPA

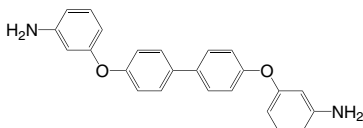
N,N'-bis(4-aminophenyl)benzene-1,4-dicarboxamide

CAS No. : 34066-75-6  
 Grade : >99% (HPLC)  
 Formula :  $C_{20}H_{18}N_4O_2$   
 M.W. : 346.38 g/mole

**C0084**

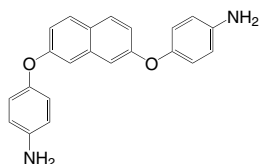
3,3'-[(Biphenyl-4,4'-diyl)bis(oxy)]bis(benzenamine)

CAS No. : 105112-76-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{24}H_{20}N_2O_2$   
 M.W. : 368.4 g/mole

**C0085**

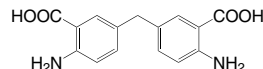
Benzenamine

CAS No. : 132257-69-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{22}H_{18}N_2O_2$   
 M.W. : 342.39 g/mole

**C0086** | MBA

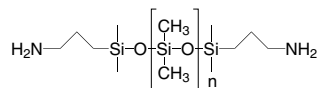
5,5'-Methylenebis(2-aminobenzoic acid)

CAS No. : 7330-46-3  
 Grade : >98% (HPLC)  
 Formula :  $C_{15}H_{14}N_2O_4$   
 M.W. : 286.28 g/mole

**C0087**

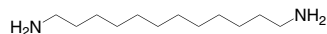
Poly(dimethylsiloxane)

CAS No. : 106214-84-0  
 Grade : Mn~2700 (GPC)  
 M.W. : Mn~2700

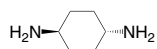
**C0088**

1,12-Diaminododecane

CAS No. : 2783-17-7  
 Grade : >98% (GC)  
 Formula :  $C_{12}H_{28}N_2$   
 M.W. : 200.37 g/mole

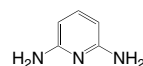
**C0089***trans*-1,4-Cyclohexanediamine

CAS No. : 2615-25-0  
 Grade : >98% (GC)  
 Formula :  $C_6H_{14}N_2$   
 M.W. : 114.19 g/mole

**C0090**

2,6-Diaminopyridine

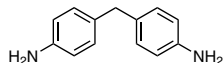
CAS No. : 141-86-6  
 Grade : >98% (GC)  
 Formula :  $C_5H_7N_3$   
 M.W. : 109.13 g/mole



## C0091 | MDA

4,4'-Diaminodiphenylmethane

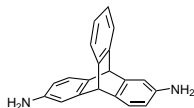
CAS No. : 101-77-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{13}H_{14}N_2$   
 M.W. : 198.26 g/mole



## C0092 | DAT

9,10-Dihydro-9,10[1',2']-benzenoanthracene-2,6-diamine

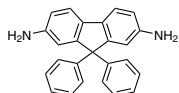
CAS No. : 58519-04-3  
 Grade : >97%  
 Formula :  $C_{20}H_{16}N_2$   
 M.W. : 284.35 g/mole



## C0095 |

2,7-Diamino -9,9-diphenyl-9H-fluorene

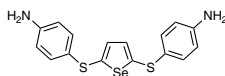
CAS No. : 860623-61-6  
 Grade : >98% (HPLC)  
 Formula :  $C_{25}H_{20}N_2$   
 M.W. : 348.44 g/mole



## C0096 |

4,4'-(Selenophene-2,5-diylbis(sulfanediy))dianiline

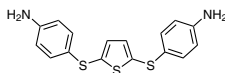
CAS No. : 1188338-47-7  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_{14}N_2S_2Se$   
 M.W. : 377.39 g/mole



## C0097 |

4,4'-(Thiophene-2,5-diylbis(sulfanediy))dianiline

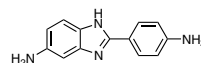
CAS No. : 211238-27-6  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_{14}N_2S_3$   
 M.W. : 330.49 g/mole



## C0098 | DAPBI / APBIA

5-Amino-2-(4-aminophenyl)-benzimidazole

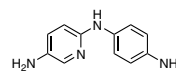
CAS No. : 7621-86-5  
 Grade : >99%  
 Formula :  $C_{13}H_{12}N_4$   
 M.W. : 224.26 g/mole



## C0099 | PIDA

N<sup>2</sup>-(4-aminophenyl)-2,5-pyridinediamine

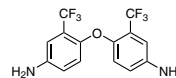
CAS No. : 116735-74-1  
 Grade : >99.5%  
 Formula :  $C_{11}H_{12}N_4$   
 M.W. : 200.24 g/mole



## C0100 | 6-FODA

Bis-(4-amino-2-methylthio-thiazol-5-yl)-ketone

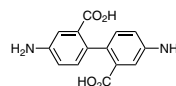
CAS No. : 344-48-9  
 Grade : >99.5%  
 Formula :  $C_{14}H_{10}F_6N_2O$   
 M.W. : 336.23 g/mole



## C0101 | 2,2'-DCB

2,2'-Dicarboxybenzidine

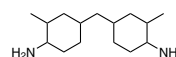
CAS No. : 17557-76-5  
 Grade : >99%  
 Formula :  $C_{14}H_{12}N_2O_4$   
 M.W. : 272.26 g/mole



## C0102 | MACM

4,4'-Methylenebis(2-methylcyclohexylamine)

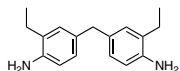
CAS No. : 6864-37-5  
 Grade : >99%  
 Formula :  $C_{15}H_{30}N_2$   
 M.W. : 238.41 g/mole



**C0103** | MOEA

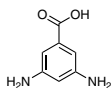
4-[(4-Amino-3-ethylphenyl)methyl]-2-ethylaniline

CAS No. : 19900-65-3  
 Grade : >98%  
 Formula :  $C_{17}H_{22}N_2$   
 M.W. : 254.37 g/mole

**C0104** | 3,5-DABA

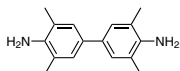
3,5-Diaminobenzoic acid

CAS No. : 535-87-5  
 Grade : >99%  
 Formula :  $C_7H_8N_2O_2$   
 M.W. : 152.15 g/mole

**C0105** | TMB

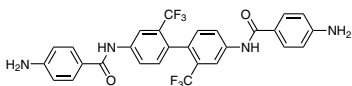
Tetramethylbenzidine

CAS No. : 54827-17-7  
 Grade : >99%  
 Formula :  $C_{16}H_{20}N_2$   
 M.W. : 240.34 g/mole

**C0106** | AB-TFMB

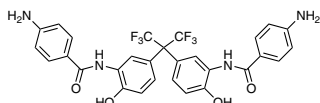
N,N'-[2,2'-bis(trifluoromethyl)-[1,1'-biphenyl]-4,4'-diyl] bis[4-aminobenzamid]

CAS No. : 1449757-11-2  
 Grade : >99%  
 Formula :  $C_{28}H_{20}F_6N_4O_2$   
 M.W. : 558.47 g/mole

**C0107** | p-6FDAP

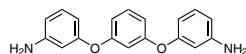
2,2-Bis[3-(4-aminobenzamido)-4-hydroxyphenyl] Hexafluoropropane

CAS No. : 129197-38-2  
 Grade : >99%  
 Formula :  $C_{29}H_{22}F_6N_4O_4$   
 M.W. : 604.5 g/mole

**C0108** | APB

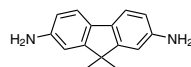
1,3-Bis(3-aminophenoxy)benzene

CAS No. : 10526-07-5  
 Grade : >99%  
 Formula :  $C_{18}H_{16}N_2O_2$   
 M.W. : 292.33 g/mole

**C0109** | S-A-1

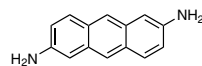
9,9-Dimethyl-9H-fluorene-2,7-diamine

CAS No. : 216454-90-9  
 Grade : >99%  
 Formula :  $C_{15}H_{16}N_2$   
 M.W. : 224.3 g/mole

**C0111** | DA

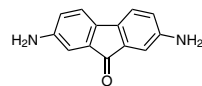
2,6-Anthracenediamine

CAS No. : 46710-42-3  
 Grade : >98%  
 Formula :  $C_{14}H_{12}N_2$   
 M.W. : 208.26 g/mole

**C0112**

2,7-Diamino-9-fluorenone

CAS No. : 2915-84-6  
 Grade : >98%  
 Formula :  $C_{13}H_{10}N_2O$   
 M.W. : 210.23 g/mole

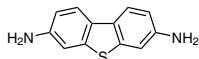




## C0113

## 3,7-Diaminodibenzothiophene

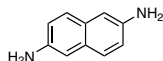
CAS No. : 41738-64-1  
 Grade : >97%  
 Formula :  $C_{12}H_{10}N_2S$   
 M.W. : 210.23 g/mole



## C0114

## 2,6-Naphthalenediamine

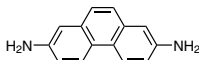
CAS No. : 2243-67-6  
 Grade : >98%  
 Formula :  $C_{10}H_{10}N_2$   
 M.W. : 158.2 g/mole



## C0115

## 2,7-Phenanthrenediamine

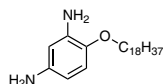
CAS No. : 62245-46-9  
 Grade : >98%  
 Formula :  $C_{14}H_{12}N_2$   
 M.W. : 208.26 g/mole



## C0116 ET-18

## 4-(Octadecyloxy)-1,3-benzenediamine

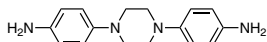
CAS No. : 155096-60-9  
 Grade : >99%  
 Formula :  $C_{24}H_{44}N_2O$   
 M.W. : 376.62 g/mole



## C0117

## 4-[4-(4-Aminophenyl)piperazin-1-yl]aniline

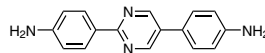
CAS No. : 7479-12-1  
 Grade : >98%  
 Formula :  $C_{16}H_{20}N_4$   
 M.W. : 268.36 g/mole



## C0118

## 2,5-Bis(4-Aminophenyl)pyrimidine

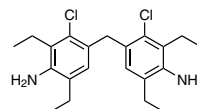
CAS No. : 102570-64-9  
 Grade : >98%  
 Formula :  $C_{16}H_{14}N_4$   
 M.W. : 262.31 g/mole



## C0119 M-CDEA

## 4,4'-Methylenebis(3-chloro-2,6-diethylaniline)

CAS No. : 106246-33-7  
 Grade : >98%  
 Formula :  $C_{21}H_{28}Cl_2N_2$   
 M.W. : 379.37 g/mole



## C0121

## 1,2-Phenylenediamine

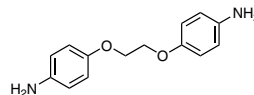
CAS No. : 95-54-5  
 Grade : >99%  
 Formula :  $C_6H_8N_2$   
 M.W. : 108.14 g/mole



## C0122

## 4,4'-(Ethane-1,2-diylbis(oxy))dianiline

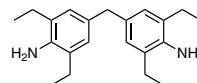
CAS No. : 6052-10-4  
 Grade : >99%  
 Formula :  $C_{14}H_{16}N_2O_2$   
 M.W. : 244.29 g/mole



## C0123 MDEA

## 4,4'-Methylenebis(2,6-diethylaniline)

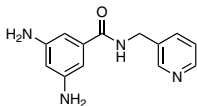
CAS No. : 13680-35-8  
 Grade : >99%  
 Formula :  $C_{21}H_{30}N_2$   
 M.W. : 310.48 g/mole



### C0124

3,5-Diamino-n-(3-pyridinylmethyl)benzamide

CAS No. : 1174642-69-3  
 Grade : >99%  
 Formula :  $C_{13}H_{14}N_4O$   
 M.W. : 242.28 g/mole

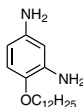


### C0125

#### 12PDA

4-Dodecyloxy-m-phenylenediamine

CAS No. : 141505-05-7  
 Grade : >98%  
 Formula :  $C_{18}H_{32}N_2O$   
 M.W. : 292.46 g/mole

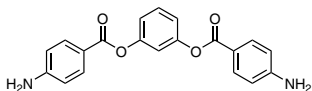


### C0126

#### p-BABB

[3-(4-Aminobenzoyl)oxyphenyl] 4-aminobenzoate

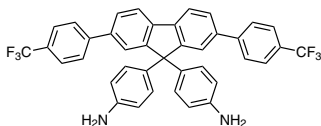
CAS No. : 142280-58-8  
 Grade : >98%  
 Formula :  $C_{20}H_{16}N_2O_4$   
 M.W. : 348.35 g/mole



### C0127

4,4'-(2,7-Bis(4-(trifluoromethyl)phenyl)-9H-fluorene-9,9-diyl)dianiline

CAS No. : 1357928-40-5  
 Grade : >98%  
 Formula :  $C_{39}H_{26}F_6N_2$   
 M.W. : 636.63 g/mole

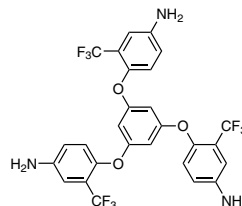


### C0128

#### TFAPOB

1,3,5-Tris(2-trifluoromethyl-4-aminophenoxy)benzene

CAS No. : 934708-86-8  
 Grade : >99%  
 Formula :  $C_{27}H_{18}F_9N_3O_3$   
 M.W. : 603.44 g/mole

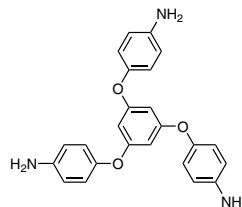


### C0129

#### 135TAPOB

1,3,5-Tris(4-aminophenoxy)benzene

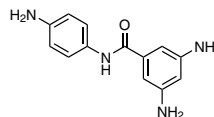
CAS No. : 102852-92-6  
 Grade : >99%  
 Formula :  $C_{24}H_{21}N_3O_3$   
 M.W. : 399.44 g/mole



### C0130

3,5-Diamino-N-(4-aminophenyl)benzamide

CAS No. : 8055-83-6  
 Grade : >99%  
 Formula :  $C_{13}H_{14}N_4O$   
 M.W. : 242.28 g/mole

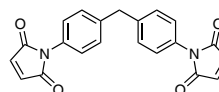


### C0131

#### BMI

4,4'-Bismaleimidodiphenylmethane

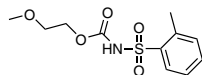
CAS No. : 13676-54-5  
 Grade : >98%  
 Formula :  $C_{21}H_{14}N_2O_4$   
 M.W. : 358.35 g/mole



## C0133

2-Methoxyethyl o-tolylsulfonfylcarbamate

CAS No. : 103852-92-6  
 Grade : >99%  
 Formula :  $C_{11}H_{15}NO_5S$   
 M.W. : 273.31 g/mole

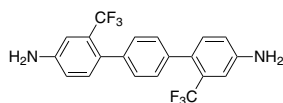


## C0134

NEW

2,2''-Bis(trifluoromethyl)[1,1':4',1''-terphenyl]-4,4''-diamine

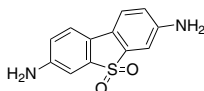
CAS No. : 1815602-33-5  
 Grade : >98%  
 Formula :  $C_{20}H_{14}F_6N_2$   
 M.W. : 396.33 g/mole



## C0135

3,7-diaminodibenzo[b,d]thiophene 5,5-dioxide

CAS No. : 6259-19-4  
 Grade : >98%  
 Formula :  $C_{12}H_{10}N_2O_2S$   
 M.W. : 246.28 g/mole

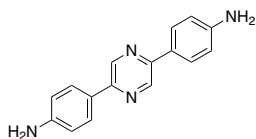


## C0137

NEW

4,4''-(Pyrazine-2,5-diyl)dianiline

CAS No. : 59447-32-4  
 Grade : >98%  
 Formula :  $C_{16}H_{14}N_4$   
 M.W. : 262.31 g/mole

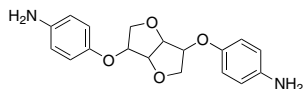


## C0139

NEW

4,4''-(diamino)-1,4:3,6-dianhydro-2,5-di-O-phenyl-D-sorbitol

CAS No. : 874807-25-7  
 Grade : >98%  
 Formula :  $C_{18}H_{20}N_2O_4$   
 M.W. : 328.36 g/mole

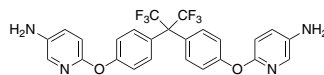


## C0140

NEW

2,2-bis[4-((5-amino-2-pyridyl)oxy)phenyl]hexafluoropropane

CAS No. : 1621090-02-5  
 Grade : >98%  
 Formula :  $C_{25}H_{18}F_6N_4O_2$   
 M.W. : 520.43 g/mole

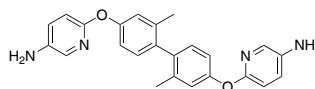


## C0141

NEW

6,6''-((2,2'-Dimethyl-[1,1'-biphenyl]-4,4''-diyl)bisoxy)bis(pyridin-3-amine)

Grade : >98%  
 Formula :  $C_{24}H_{22}N_4O_2$   
 M.W. : 398.46 g/mole

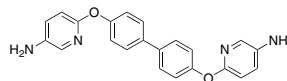


## C0142

NEW

4,4''-bis(5-amino-2-pyridinyloxy)biphenyl

CAS No. : 1679353-47-9  
 Grade : >98%  
 Formula :  $C_{22}H_{18}N_4O_2$   
 M.W. : 370.4 g/mole



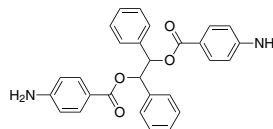
## C0143

1,2-DPEDBA

NEW

1,2-Diphenylethane-1,2-diyl bis(4-aminobenzoate)

CAS No. : 2900301-27-9  
 Grade : >98%  
 Formula :  $C_{28}H_{24}N_2O_4$   
 M.W. : 452.5 g/mole



## C0144

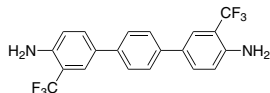
NEW

3,3''-Bis(trifluoromethyl)-[1,1':4',1''-terphenyl]-4,4''-diamine

Grade : &gt; 98%

Formula :  $C_{20}H_{14}F_6N_2$ 

M.W. : 396.33 g/mole



## C0145

NEW

3FDAM

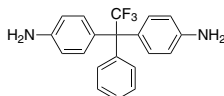
4,4''-(2,2,2-Trifluoro-1-phenylethylidene)bis[benzenamine]

CAS No. : 61204-04-4

Grade : &gt; 98%

Formula :  $C_{20}H_{17}F_3N_2$ 

M.W. : 342.36 g/mole



## C0146

NEW

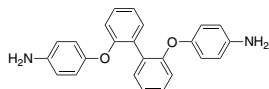
4,4''-(Biphenyl-2,2'-diylbis(oxy))dianiline

CAS No. : 65801-73-2

Grade : &gt; 98%

Formula :  $C_{24}H_{20}N_2O_2$ 

M.W. : 368.43 g/mole



## C0147

NEW

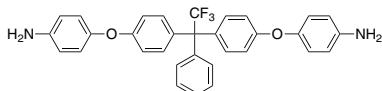
1,1-Bis[4-(4-aminophenoxy) phenyl]-1-phenyl-2,2,2-trifluoroethane

CAS No. : 152210-12-3

Grade : &gt; 98%

Formula :  $C_{32}H_{25}F_3N_2O_2$ 

M.W. : 526.55 g/mole



## C0148

NEW

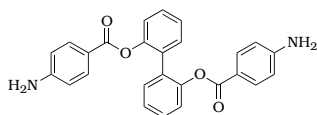
[2-[2-(4-aminobenzoyl)oxyphenyl]phenyl]4-aminobenzoate

CAS No. : 187264-34-2

Grade : &gt; 98%

Formula :  $C_{26}H_{20}N_2O_4$ 

M.W. : 424.45 g/mole



## C0149

NEW

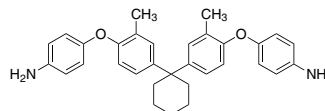
4-[4-[1-[4-(4-Aminophenoxy)-3-methylphenyl]cyclohexyl]-2-methylphenoxy]aniline

CAS No. : 204520-42-3

Grade : &gt; 98%

Formula :  $C_{32}H_{34}N_2O_2$ 

M.W. : 478.62 g/mole



## C0150

NEW

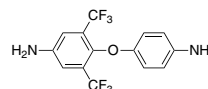
4-(4-Aminophenoxy)-3,5-bis(trifluoromethyl)aniline

CAS No. : 1400072-53-8

Grade : &gt; 98%

Formula :  $C_{14}H_{10}F_6N_2O$ 

M.W. : 336.23 g/mole



## C0151

NEW

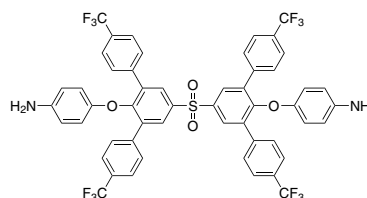
2,2'-Bis[3,5-di(4-trifluoromethylphenyl)-4-(4-aminophenoxy) phenyl]sulfone

CAS No. : 1662688-73-4

Grade : &gt; 98%

Formula :  $C_{52}H_{32}F_{12}N_2O_4S$ 

M.W. : 1008.87 g/mole



## C0152

NEW

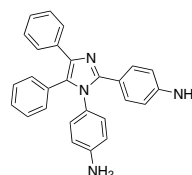
1,2-Bis(4-aminophenyl)-4,5-diphenyl-1H-imidazole

CAS No. : 2095243-19-7

Grade : &gt; 98%

Formula :  $C_{27}H_{22}N_4$ 

M.W. : 402.49 g/mole



C0153

CHMBMA

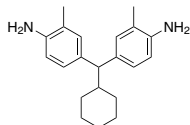
NEW

4,4'-(Cyclohexylmethylene)bis(2-methylaniline)

Grade : &gt;98%

Formula :  $C_{21}H_{28}N_2$ 

M.W. : 308.46 g/mole



C0154

NEW

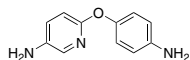
4-(5-Amino-2-pyridyloxy)aniline

CAS No : 99844-01-6

Grade : &gt;98%

Formula :  $C_{11}H_{11}N_3O$ 

M.W. : 201.22 g/mole



K0886

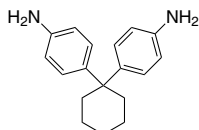
1,1-Bis(4-aminophenyl)cyclohexane

CAS No. : 3282-99-3

Grade : &gt;98% (HPLC)

Formula :  $C_{18}H_{22}N_2$ 

M.W. : 266.39 g/mole



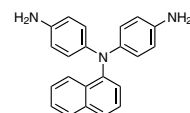
K1360

N1-(4-aminophenyl)-N<sup>1</sup>-1-nathnyl-1,4-benzenediamine

Grade : &gt;98% (LC)

Formula :  $C_{22}H_{19}N_3$ 

M.W. : 325.41 g/mole



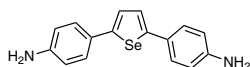
K1361

4,4'-[2,5-Selenophenediylbis(thio)]bis-benzenamine

Grade : &gt;98% (LC)

Formula :  $C_{16}H_{14}N_2Se$ 

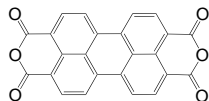
M.W. : 313.26 g/mole



## LT-S920 | PTCCA

## 3,4,9,10-Perylenetetracarboxylic Dianhydride

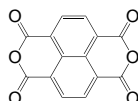
CAS No. : 128-69-8  
 Grade : Sublimed >99%  
 Formula :  $C_{24}H_8O_6$   
 M.W. : 392.32g/mole  
 TGA : >450 °C(0.5% weight loss)



## LT-S924 | NTCDA

## 1,4,5,8-Naphthalenetetracarboxylic dianhydride

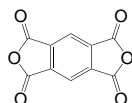
CAS No. : 81-30-1  
 Grade : Sublimed >99%  
 Formula :  $C_{14}H_4O_6$   
 M.W. : 268.18g/mole  
 UV : 366 nm(in  $CH_2Cl_2$ )  
 PL : 394 nm(in  $CH_2Cl_2$ )



## T0001 | PMDA

## Pyromellitic Dianhydride

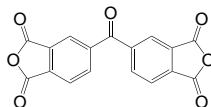
CAS No. : 89-32-7  
 Grade : >99% (HPLC)  
 Formula :  $C_{10}H_2O_6$   
 M.W. : 218.12g/mole



## T0002 | BTDA

## 3,3',4,4'-Benzophenonetetracarboxylic Dianhydride

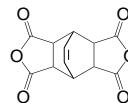
CAS No. : 2421-28-5  
 Grade : >98% (GC)  
 Formula :  $C_{17}H_6O_7$   
 M.W. : 322.23g/mole



## T0003

## Bicyclo[2.2.2]oct-7-ene-2,3,5,6-tetracarboxylic Dianhydride

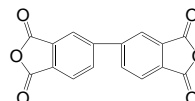
CAS No. : 1719-83-1  
 Grade : >98% (GC)  
 Formula :  $C_{12}H_8O_6$   
 M.W. : 248.19g/mole



## T0004 | s-BPDA

## 4,4'-Biphthalic Anhydride

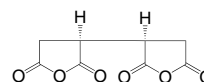
CAS No. : 2420-87-3  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_6O_6$   
 M.W. : 294.22g/mole



## T0005

## meso-Butane-1,2,3,4-tetracarboxylic Dianhydride

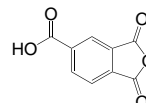
CAS No. : 17309-39-6  
 Grade : >96% (GC)  
 Formula :  $C_8H_6O_6$   
 M.W. : 198.13g/mole



## T0006

## Trimellitic Anhydride

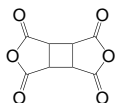
CAS No. : 552-30-7  
 Grade : >99% (HPLC)  
 Formula :  $C_9H_4O_5$   
 M.W. : 192.13g/mole



**T0008** | CBDA

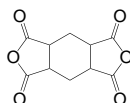
1,2,3,4-Cyclobutanetetracarboxylic Dianhydride

CAS No. : 4415-87-6  
 Grade : >99% (GC)  
 Formula :  $C_8H_4O_6$   
 M.W. : 196.11g/mole

**T0009** | HPMDA

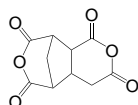
1,2,4,5-Cyclohexanetetracarboxylic Dianhydride

CAS No. : 2754-41-8  
 Grade : >98% (GC)  
 Formula :  $C_{10}H_8O_6$   
 M.W. : 224.17g/mole

**T0010** | TCA-AH

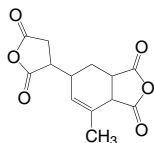
3-(Carboxymethyl)-1,2,4-cyclopentanetricarboxylic Acid 1,4:2,3-dianhydride

CAS No. : 6053-46-9  
 Grade : >97% (GC)  
 Formula :  $C_{10}H_8O_6$   
 M.W. : 224.17g/mole

**T0011**

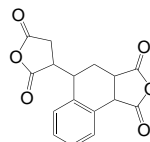
5-(2,5-Dioxotetrahydrofuryl)-3-methyl-3-cyclohexene-1,2-dicarboxylic Anhydride

CAS No. : 73003-90-4  
 Grade : Purity (Methanolysis Method) min. 95% (GC)  
 Formula :  $C_{13}H_{12}O_6$   
 M.W. : 264.23g/mole

**T0012** | TDA

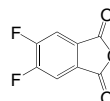
4-(2,5-Dioxotetrahydrofuran-3-yl)-1,2,3,4-tetrahydronaphthalene-1,2-dicarboxylic Anhydride

CAS No. : 13912-65-7  
 Grade : >97% (HPLC)  
 Formula :  $C_{16}H_{12}O_6$   
 M.W. : 300.27g/mole

**T0013**

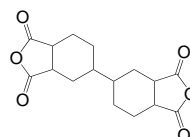
4,5-Difluorophthalic Anhydride

CAS No. : 18959-30-3  
 Grade : >98% (GC)  
 Formula :  $C_8H_2F_2O_3$   
 M.W. : 184.1g/mole

**T0014** | HBPDA

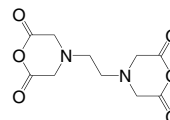
Dicyclohexyl-3,4,3',4'-tetracarboxylic Dianhydride

CAS No. : 122640-83-9  
 Grade : >97% (GC)  
 Formula :  $C_{16}H_{18}O_6$   
 M.W. : 306.31g/mole

**T0015** | EDTA

Ethylenediaminetetraacetic Dianhydride

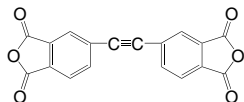
CAS No. : 23911-25-3  
 Grade : >98% (GC)  
 Formula :  $C_{10}H_{12}N_2O_6$   
 M.W. : 256.21g/mole



### T0017

#### 4,4'-(Ethyne-1,2-diyl)diphthalic Anhydride

CAS No. : 129808-00-0  
 Grade : >98% (HPLC)  
 Formula :  $C_{18}H_6O_6$   
 M.W. : 318.24g/mole

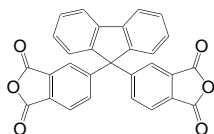


### T0018

#### BPAF

#### 9,9-Bis(3,4-dicarboxyphenyl)fluorene Dianhydride

CAS No. : 135876-30-1  
 Grade : >98% (GC)  
 Formula :  $C_{29}H_{14}O_6$   
 M.W. : 458.43g/mole

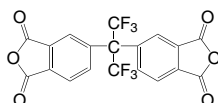


### T0019

#### 6FDA

#### 4,4'-(Hexafluoroisopropylidene)diphthalic Anhydride

CAS No. : 1107-00-2  
 Grade : >99% (GC)  
 Formula :  $C_{19}H_6F_6O_6$   
 M.W. : 444.24g/mole

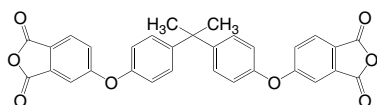


### T0020

#### BPADA

#### 4,4'-(4,4'-Isopropylidenediphenoxy)diphthalic Anhydride

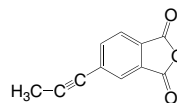
CAS No. : 38103-06-9  
 Grade : >98% (HPLC)  
 Formula :  $C_{31}H_{20}O_8$   
 M.W. : 520.49g/mole



### T0021

#### 4-(1-Propynyl)phthalic Anhydride

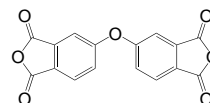
CAS No. : 1240685-26-0  
 Grade : >98% (GC)  
 Formula :  $C_{11}H_6O_3$   
 M.W. : 186.17g/mole



### T0022

#### 4,4'-Oxydiphthalic Anhydride

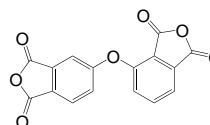
CAS No. : 1823-59-2  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_6O_7$   
 M.W. : 310.22g/mole



### T0023

#### 3,4'-Oxydiphthalic Anhydride

CAS No. : 50662-95-8  
 Grade : >98% (HPLC)  
 Formula :  $C_{16}H_6O_7$   
 M.W. : 310.22g/mole

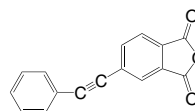


### T0024

#### 4-PEPA

#### 4-Phenylethynylphthalic Anhydride

CAS No. : 119389-05-8  
 Grade : >98%  
 Formula :  $C_{16}H_8O_3$   
 M.W. : 248.24g/mole

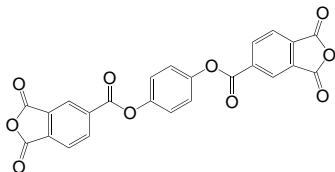




## T0025 | TAHQ

1,4-Phenylene bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

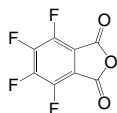
CAS No. : 2770-49-2  
 Grade : >95% (HPLC)  
 Formula :  $C_{24}H_{10}O_{10}$   
 M.W. : 458.33g/mole



## T0026 | TFPA

Tetrafluorophthalic Anhydride

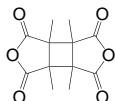
CAS No. : 652-12-0  
 Grade : >95% (HPLC)  
 Formula :  $C_8F_4O_3$   
 M.W. : 220.08g/mole



## T0027

1,2,3,4-Tetramethyl-1,2,3,4-cyclobutanetetracarboxylic Dianhydride

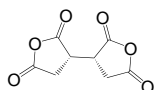
CAS No. : 64198-16-9  
 Formula :  $C_{12}H_{12}O_6$   
 M.W. : 252.22g/mole



## T0030 | BDA

1,2,3,4-Butanetetracarboxylic Dianhydride

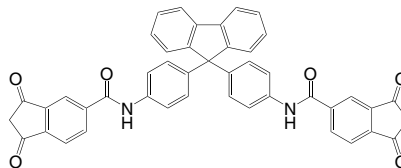
CAS No. : 4534-73-0  
 Grade : >98% (GC)  
 Formula :  $C_8H_6O_6$   
 M.W. : 198.13g/mole



## T0032 | FDA-ATA

N,N'-(4,4'-(9H-fluorene-9,9-diy))bis(4,1-phenylene))bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxamide)

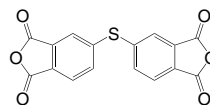
CAS No. : 867350-98-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{43}H_{24}N_2O_8$   
 M.W. : 696.66g/mole



## T0033 | TPDA

4,4'-Bis(phthalic anhydride)sulfide

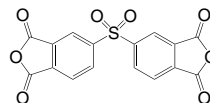
CAS No. : 25884-43-9  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_6O_6S$   
 M.W. : 326.28g/mole



## T0034 | DSDA

3,3',4,4'-Diphenylsulfonetetracarboxylic Dianhydride

CAS No. : 2540-99-0  
 Grade : >99% (HPLC)  
 Formula :  $C_{16}H_6O_8S$   
 M.W. : 358.28g/mole

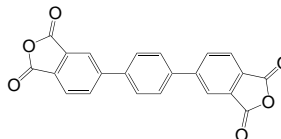


## T0035

NEW

5-[4-(1,3-Dioxo-2-benzofuran-5-yl)phenyl]-2-benzofuran-1,3-dione

CAS No. : 106070-55-7  
 Grade : >98% (HPLC)  
 Formula :  $C_{22}H_{10}O_6$   
 M.W. : 370.31g/mole



## T0036

NEW

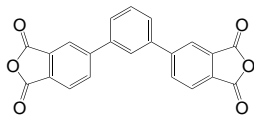
5-[3-(1,3-dioxo-2-benzofuran-5-yl)phenyl]-2-benzofuran-1,3-dione

CAS No. : 113837-02-8

Grade : &gt;98% (HPLC)

Formula : C<sub>22</sub>H<sub>10</sub>O<sub>6</sub>

M.W. : 370.31g/mole



## T0037

a-BPDA

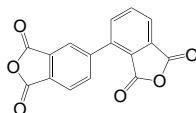
3,4'-Bipthalic Anhydride

CAS No. : 36978-41-3

Grade : &gt;98% (GC)

Formula : C<sub>16</sub>H<sub>6</sub>O<sub>6</sub>

M.W. : 294.22g/mole



## T0038

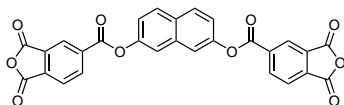
1,3-Dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid-2,7-naphthalenediyl ester

CAS No. : 59361-42-1

Grade : &gt;99% (HPLC)

Formula : C<sub>28</sub>H<sub>12</sub>O<sub>10</sub>

M.W. : 508.39g/mole



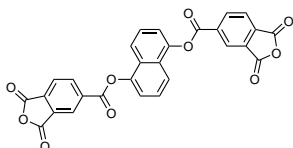
## T0039

1,3-Dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid-1,5-naphthalenediyl ester

Grade : &gt;99% (HPLC)

Formula : C<sub>28</sub>H<sub>12</sub>O<sub>10</sub>

M.W. : 508.39g/mole



## T0040

NEW

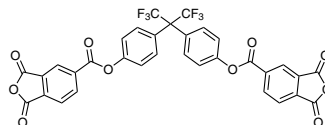
(Perfluoropropane-2,2-diyl)bis(4,1-phenylene)bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

CAS No. : 98180-50-8

Grade : &gt;99%

Formula : C<sub>33</sub>H<sub>14</sub>F<sub>6</sub>O<sub>10</sub>

M.W. : 684.45g/mole



## T0041

NEW

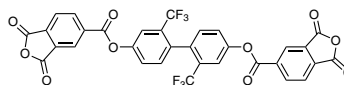
2,2'-Bis(trifluoromethyl)-[1,1'-biphenyl]-4,4'-diyl bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

CAS No. : 1226511-53-0

Grade : &gt;99%

Formula : C<sub>32</sub>H<sub>12</sub>F<sub>6</sub>O<sub>10</sub>

M.W. : 670.42g/mole



## T0042

TA-TFMB

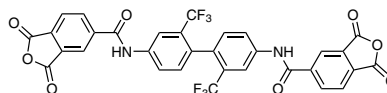
N,N'-(2,2'-bis(trifluoromethyl)-[1,1'-biphenyl]-4,4'-diyl)bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxamide)

CAS No. : 1226511-56-3

Grade : &gt;98%

Formula : C<sub>32</sub>H<sub>14</sub>F<sub>6</sub>N<sub>2</sub>O<sub>8</sub>

M.W. : 668.45g/mole



## T0043

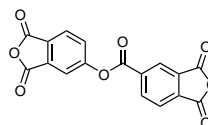
5-Isobenzofurancarboxylic acid

CAS No. : 29111-16-8

Grade : &gt;99%

Formula : C<sub>17</sub>H<sub>6</sub>O<sub>8</sub>

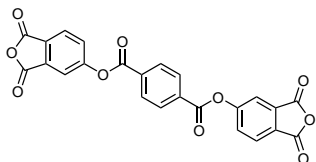
M.W. : 338.22g/mole



## T0044 | 1,4-BCFE

Bis[(3,4-dicarboxylic anhydride)phenyl]terephthalate

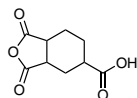
CAS No. : 21117-79-3  
 Grade : >98%  
 Formula :  $C_{24}H_{10}O_{10}$   
 M.W. : 458.33g/mole



## T0045

1,3-Dioxooctahydroisobenzofuran-5-carboxylic Acid

CAS No. : 53611-01-1  
 Grade : >99%  
 Formula :  $C_9H_{10}O_5$   
 M.W. : 198.17g/mole



## T0046

5-Norbornene-2,3-dicarboxylic Anhydride

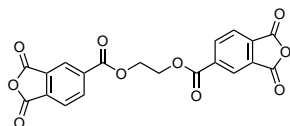
CAS No. : 826-62-0  
 Grade : >99%  
 Formula :  $C_9H_8O_3$   
 M.W. : 164.16g/mole



## T0047 | TMEG

Ethane-1,2-diyl bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

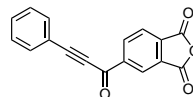
CAS No. : 1732-96-3  
 Grade : >98%  
 Formula :  $C_{20}H_{10}O_{10}$   
 M.W. : 410.29g/mole



## T0048 | PETA

5-(3-Phenylprop-2-ynoyl)-1,3-dihydro-2-benzofuran-1,3-dione

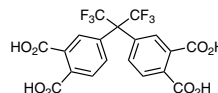
CAS No. : 1329658-14-1  
 Grade : >98% (HPLC)  
 Formula :  $C_{17}H_{10}O_4$   
 M.W. : 276.24g/mole



## T0049 | 6FTA

4,4'-(Perfluoropropane-2,2-diyl)diphthalic Acid

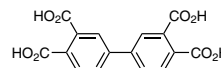
CAS No. : 3016-76-0  
 Grade : >99%  
 Formula :  $C_{19}H_{10}F_6O_8$   
 M.W. : 480.27g/mole



## T0050 | BPTA

[1,1'-Biphenyl]-3,3',4,4'-tetracarboxylic Acid

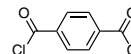
CAS No. : 22803-05-0  
 Grade : >99.9%  
 Formula :  $C_{16}H_{10}O_8$   
 M.W. : 330.25g/mole



## T0051 | TPC

Terephthaloyl Chloride

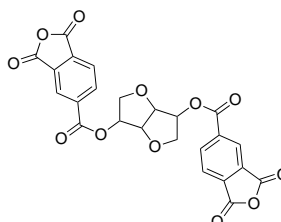
CAS No. : 100-20-9  
 Grade : >99.5%  
 Formula :  $C_8H_4Cl_2O_2$   
 M.W. : 203.02g/mole



## T0053

hexahydrofuro[3,2-b]furan-3,6-diylbis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

Grade : >98%  
 Formula :  $C_{24}H_{14}O_{12}$   
 M.W. : 494.36 g/mole



## T0054

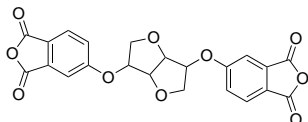
NEW

5,5'-((Hexahydrofuro[3,2-b]furan-3,6-diyl)bis(oxy))  
bis(isobenzofuran-1,3-dione)

Grade : &gt;98% (HPLC)

Formula : C<sub>22</sub>H<sub>14</sub>O<sub>10</sub>

M.W. : 438.34 g/mole



## T0055

NEW

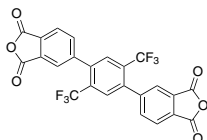
5,5'-(2,5-Bis(trifluoromethyl)-1,4-phenylene)bis(isobenzofuran-  
1,3-dione)

CAS No. : 2109760-03-2

Grade : &gt;98%

Formula : C<sub>24</sub>H<sub>8</sub>F<sub>6</sub>O<sub>6</sub>

M.W. : 506.31 g/mole



## T0056

NEW

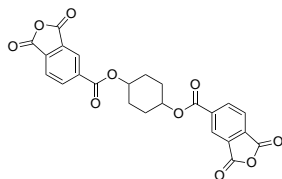
1,4-cyclohexylene bis(trimellitate anhydride)

CAS No. : 146323-28-6

Grade : &gt;99%

Formula : C<sub>24</sub>H<sub>16</sub>O<sub>10</sub>

M.W. : 464.38 g/mole



## T0057

NEW

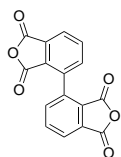
4-(1,3-Dioxo-2-benzofuran-4-yl)-2-benzofuran-1,3-dione

CAS No. : 3711/4/4

Grade : &gt;98%

Formula : C<sub>16</sub>H<sub>6</sub>O<sub>6</sub>

M.W. : 294.22 g/mole



## T0058

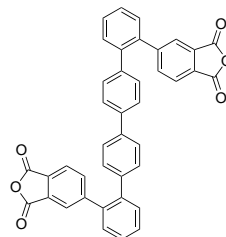
NEW

5,5'-([1,1':4',1''':4'',1''''-Quaterphenyl]-2,2''''-diyl)  
bis(isobenzofuran-1,3-dione)

Grade : &gt;98%

Formula : C<sub>40</sub>H<sub>22</sub>O<sub>6</sub>

M.W. : 598.6 g/mole



## T0059

NEW

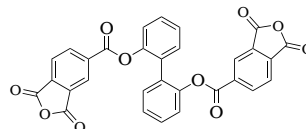
[1,1'-Biphenyl]-2,2'-diyl bis(1,3-dioxo-1,3-  
dihydroisobenzofuran-5-carboxylate)

CAS No. : 10340-82-6

Grade : &gt;98%

Formula : C<sub>30</sub>H<sub>14</sub>O<sub>10</sub>

M.W. : 534.43 g/mole



## T0060

NEW

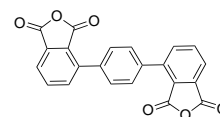
4,4'-(1,4-Phenylene)bis(isobenzofuran-1,3-dione)

CAS No. : 34560-71-9

Grade : &gt;98%

Formula : C<sub>22</sub>H<sub>10</sub>O<sub>6</sub>

M.W. : 370.31 g/mole



## T0061

NEW

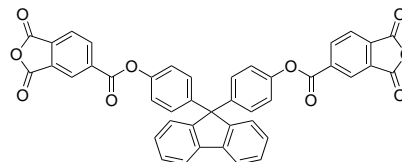
9,9-Bis(4-(1,3-dioxo-1,3-dihydroisobenzofuran-5-  
ylcarbonyloxy)phenyl)fluorene

CAS No. : 59361-41-0

Grade : &gt;98%

Formula : C<sub>43</sub>H<sub>22</sub>O<sub>10</sub>

M.W. : 698.63 g/mole



T0062

NEW

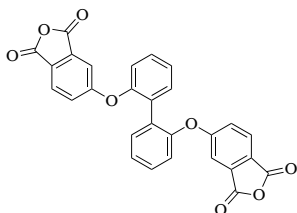
5-[2-[2-[(1,3-Dioxo-2-benzofuran-5-yl)oxy]phenyl]phenoxy]-2-benzofuran-1,3-dione

CAS No. :162846-76-6

Grade :&gt;98%

Formula :C<sub>28</sub>H<sub>14</sub>O<sub>8</sub>

M.W. :478.41 g/mole



T0063

NEW

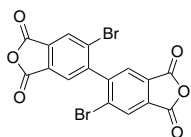
5-Bromo-6-(6-bromo-1,3-dioxo-2-benzofuran-5-yl)-2-benzofuran-1,3-dione

CAS No. :165323-70-6

Grade :&gt;98%

Formula :C<sub>16</sub>H<sub>4</sub>Br<sub>2</sub>O<sub>6</sub>

M.W. :452.01 g/mole



T0064

NEW

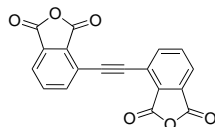
4,4'-(Ethyne-1,2-diyl)bis(isobenzofuran-1,3-dione)

CAS No. :363602-01-1

Grade :&gt;98%

Formula :C<sub>18</sub>H<sub>6</sub>O<sub>6</sub>

M.W. :318.24 g/mole



T0065

NEW

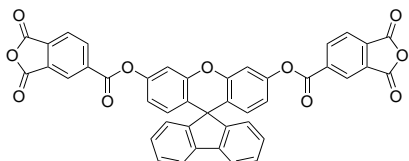
Spiro[fluorene-9,9'-xanthene]-3',6'-diyl bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)

CAS No. :1830316-18-1

Grade :&gt;98%

Formula :C<sub>43</sub>H<sub>20</sub>O<sub>11</sub>

M.W. :712.61 g/mole



**LT-PR0001** | DIBK

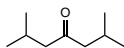
2,6-Dimethyl-4-heptanone

CAS No :108-83-8

Formula :C<sub>9</sub>H<sub>18</sub>O

M.W. :142.24 g/mole

Density :0.808 g/mL at 25 °C (lit.)

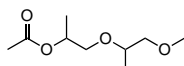
**LT-PR0002** | DPMA

Di(propylene glycol) methyl ether acetate

CAS No :88917-22-0

Formula :C<sub>9</sub>H<sub>18</sub>O<sub>4</sub>

M.W. :190.24 g/mole

Density :0.97 g/cm<sup>3</sup>**LT-PR0003** |

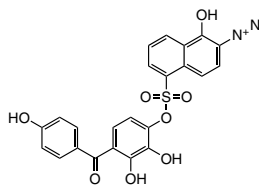
2,3,4,4'-Tetrahydroxybenzophenone

1,2-naphthoquinonediazido-5-sulfonate

CAS No :107761-81-9

Formula :C<sub>23</sub>H<sub>16</sub>N<sub>2</sub>O<sub>9</sub>S

M.W. :496.45 g/mole

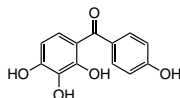
**LT-PR0004** | 4THBP

2,3,4,4'-Tetrahydroxybenzophenone

CAS No :31127-54-5

Formula :C<sub>13</sub>H<sub>10</sub>O<sub>5</sub>

M.W. :246.21 g/mole

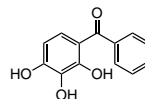
Density :1.526 g/cm<sup>3</sup>**LT-PR0005** |

2,3,4-Trihydroxybenzophenone

CAS No :1143-72-2

Formula :C<sub>13</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :230.22 g/mole

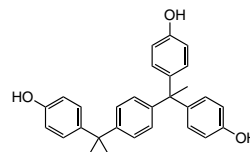
Density :1.413 g/cm<sup>3</sup>**LT-PR0006** |

4,4'-(1-(4-(2-(4-hydroxyphenyl)propan-2-yl)phenyl)ethane-1,1-diyldiphenol

CAS No :110726-28-8

Formula :C<sub>29</sub>H<sub>28</sub>O<sub>3</sub>

M.W. :424.53 g/mole

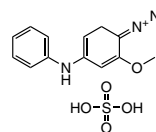
Density :1.186 g/cm<sup>3</sup>**LT-PR0007** |

4-Diazo-3-methoxydiphenylamine sulfate

CAS No :36305-05-2

Formula :C<sub>13</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>S

M.W. :323.33 g/mole

Density :1.324 g/cm<sup>3</sup>

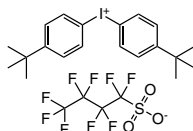
**LT-PR0008** | DTBPIO-nF

Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate

CAS No :194999-85-4

Formula :C<sub>24</sub>H<sub>26</sub>F<sub>9</sub>IO<sub>3</sub>S

M.W. :692.42 g/mole

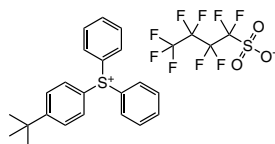
Density :1.183 g/cm<sup>3</sup>**LT-PR0009** | TBPDPs-PFBS

Diphenyl 4-tertbutylphenylsulfonium nonafluorobutanesulfonate

CAS No :258872-05-8

Formula :C<sub>26</sub>H<sub>23</sub>F<sub>9</sub>O<sub>3</sub>S<sub>2</sub>

M.W. :618.57 g/mole

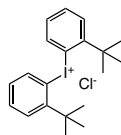
**LT-PR0010** |

Bis(tert-butylphenyl) Iodonium Chloride

CAS No :5421-53-4

Formula :C<sub>20</sub>H<sub>26</sub>ClI

M.W. :428.78 g/mole

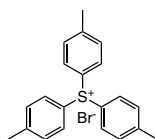
Density :0.914 g/cm<sup>3</sup>**LT-PR0011** |

Tris(4-methylphenyl)sulfonium bromide

CAS No :3744/11/4

Formula :C<sub>21</sub>H<sub>21</sub>BrS

M.W. :385.36 g/mole

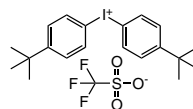
**LT-PR0012** |

Bis(4-tert-butylphenyl)iodonium triflate

CAS No :84563-54-2

Formula :C<sub>21</sub>H<sub>26</sub>F<sub>3</sub>IO<sub>3</sub>S

M.W. :542.39 g/mole

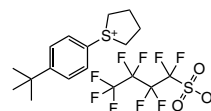
Density :1.462 g/cm<sup>3</sup>**LT-PR0013** |

4-t-butylphenyltetramethylenesulfonium perfluoro-1-butanesulfonate

CAS No :900188-13-8

Formula :C<sub>18</sub>H<sub>21</sub>F<sub>9</sub>O<sub>3</sub>S<sub>2</sub>

M.W. :520.47 g/mole

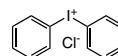
**LT-PR0014** |

Diphenyliodonium chloride

CAS No :1483-72-3

Formula :C<sub>12</sub>H<sub>10</sub>ClI

M.W. :316.56 g/mole

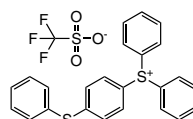
Density :1.255 g/cm<sup>3</sup>**LT-PR0015** |

(4-Phenylthiophenyl)diphenylsulfonium triflate

CAS No :111281-12-0

Formula :C<sub>25</sub>H<sub>19</sub>F<sub>3</sub>O<sub>3</sub>S<sub>3</sub>

M.W. :520.61 g/mole

Density :1.29 g/cm<sup>3</sup>

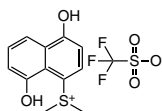
## LT-PR0016

(4,8-Dihydroxy-1-naphthyl)dimethylsulfonium trifluoromethanesulfonate

CAS No :380848-57-7

Formula :C<sub>13</sub>H<sub>13</sub>F<sub>3</sub>O<sub>5</sub>S<sub>2</sub>

M.W. :370.36 g/mole

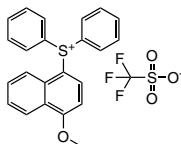


## LT-PR0017

(4-Methoxy-1-naphthalenyl)diphenylsulfonium triflate

Formula :C<sub>24</sub>H<sub>19</sub>F<sub>3</sub>O<sub>4</sub>S<sub>2</sub>

M.W. :492.53 g/mole

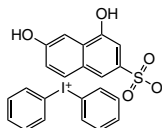


## LT-PR0018

4,6-Dihydroxynaphthalene-2-sulfonate diphenyliodonium

Formula :C<sub>22</sub>H<sub>17</sub>IO<sub>5</sub>S

M.W. :520.34 g/mole



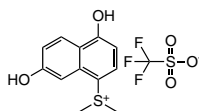
## LT-PR0019

(4,7-Dihydroxy-1-naphthyl)dimethylsulfonium trifluoromethanesulfonate

CAS No :316821-98-4

Formula :C<sub>13</sub>H<sub>13</sub>F<sub>3</sub>O<sub>5</sub>S<sub>2</sub>

M.W. :370.36 g/mole



## LT-PR0020

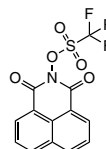
N-Trifluoromethanesulfonyl-1,8-naphthalimide

CAS No :85342-62-7

Formula :C<sub>13</sub>H<sub>6</sub>F<sub>3</sub>NO<sub>5</sub>S

M.W. :345.25 g/mole

Density :1.23 g/mL at 20 °C (lit.)

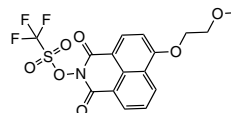


## LT-PR0021

6-(2-Methoxyethoxy)-1,3-dioxo-1H-benzo[de]isoquinolin-2(3H)-yl trifluoromethanesulfonate

Formula :C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>7</sub>S

M.W. :419.33 g/mole

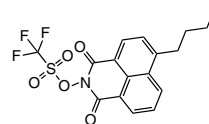


## LT-PR0022

6-Butyl-1,3-dioxo-1H-benzo[de]isoquinolin-2(3H)-yl trifluoromethanesulfonate

Formula :C<sub>17</sub>H<sub>14</sub>F<sub>3</sub>NO<sub>5</sub>S

M.W. :401.36 g/mole

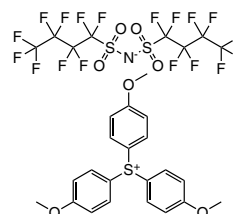


## LT-PR0024

tris(4-methoxyphenyl)sulfonium bis(perfluorobutyl)sulfonyl amide

Formula :C<sub>29</sub>H<sub>27</sub>F<sub>18</sub>NO<sub>7</sub>S<sub>3</sub>

M.W. :933.65 g/mole

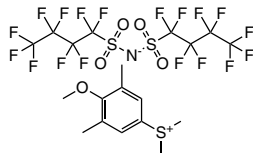




## LT-PR0025

(4-methoxy-3,5-dimethylphenyl)dimethylsulfonium  
bis((perfluorobutyl)sulfonyl)amide

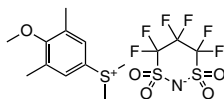
CAS No :2222384-16-7  
Formula :C<sub>19</sub>H<sub>17</sub>F<sub>18</sub>NO<sub>5</sub>S<sub>3</sub>  
M.W. :777.51 g/mole



## LT-PR0026

(4-methoxy-3,5-dimethylphenyl)dimethylsulfonium  
4,4,5,5,6,6-hexafluoro-1,3,2-dithiazinan-2-ide  
1,1,3,3-tetraoxide

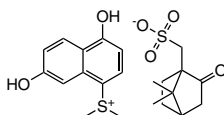
CAS No :2222384-17-8  
Formula :C<sub>14</sub>H<sub>17</sub>F<sub>6</sub>NO<sub>5</sub>S<sub>3</sub>  
M.W. :489.47 g/mole



## LT-PR0027

(4,7-Dihydroxy-1-naphthyl)dimethylsulfonium  
camphorsulfonate

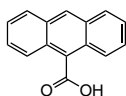
Formula :C<sub>22</sub>H<sub>28</sub>O<sub>6</sub>S<sub>2</sub>  
M.W. :452.58 g/mole



## LT-PR0028

Anthracene-9-carboxylic acid

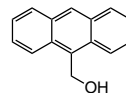
CAS No :723-62-6  
Formula :C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>  
M.W. :222.24 g/mole  
Density :1.305 g/cm<sup>3</sup>



## LT-PR0029

Anthracen-9-ylmethanol

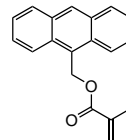
CAS No :1468-95-7  
Formula :C<sub>15</sub>H<sub>12</sub>O  
M.W. :208.26 g/mole  
Density :1.214 g/cm<sup>3</sup>



## LT-PR0030

9-anthracenylmethyl methacrylate

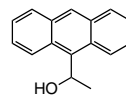
CAS No :31645-35-9  
Grade :>98%  
Formula :C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>  
M.W. :276.33 g/mole  
Density :1.159 g/cm<sup>3</sup>



## LT-PR0031

1-(9-Anthracenyl)ethanol

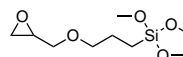
CAS No :7512-20-1  
Formula :C<sub>16</sub>H<sub>14</sub>O  
M.W. :222.28 g/mole  
Density :1.177 g/cm<sup>3</sup>



## LT-PR0032 Silane coupling agent KH-560

(3-Glycidoxypropyl)trimethoxysilane

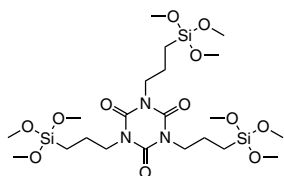
CAS No :2530-83-8  
Formula :C<sub>9</sub>H<sub>20</sub>O<sub>5</sub>Si  
M.W. :236.34 g/mole  
Density :1.047 g/cm<sup>3</sup>



## LT-PR0033

Tris(3-(trimethoxysilyl)propyl)isocyanurate

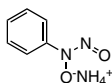
CAS No :26115-70-8  
 Formula : $C_{21}H_{45}N_3O_{12}Si_3$   
 M.W. :615.85 g/mole  
 Density :1.131 g/cm<sup>3</sup>



## LT-PR0034 Cupferron

N-Nitrosophenyl hydroxylamine ammonium salt

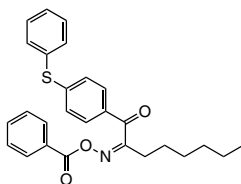
CAS No :135-20-6  
 Formula : $C_6H_9N_3O_2$   
 M.W. :155.15 g/mole  
 Density :1.7 g/cm<sup>3</sup>



## LT-PR0035 OXE-01

1-[4-(Phenylthio)phenyl]-1,2-octanedione 2-(O-benzoyloxime)

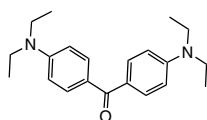
CAS No :253585-83-0  
 Formula : $C_{27}H_{27}NO_3S$   
 M.W. :445.57 g/mole  
 Density :1.112 g/cm<sup>3</sup>



## LT-PR0036 EMK

4,4'-Bis(diethylamino) benzophenone

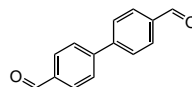
CAS No :90-93-7  
 Formula : $C_{21}H_{28}N_2O$   
 M.W. :324.46 g/mole  
 Density :1.048 g/cm<sup>3</sup>



## LT-PR0037

4,4'-Biphenyldicarboxaldehyde

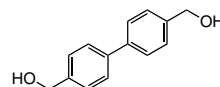
CAS No :66-98-8  
 Formula : $C_{14}H_{12}O_2$   
 M.W. :212.24 g/mole  
 Density :1.18 g/cm<sup>3</sup>



## LT-PR0038

4,4'-Bis(hydroxymethyl)biphenyl

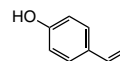
CAS No :1667-12-5  
 Formula : $C_{14}H_{14}O_2$   
 Density :1.174 g/cm<sup>3</sup>



## LT-PR0039

4-Hydroxystyrene

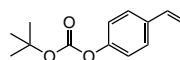
CAS No :2628-17-3  
 Formula : $C_8H_8O$   
 M.W. :120.15 g/mole  
 Density :1.055 g/cm<sup>3</sup>



## LT-PR0040 4-BOC-styrene

1,1-Dimethylethyl 4-ethenylphenylcarbonate

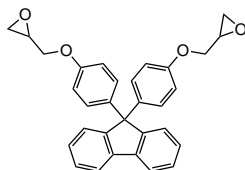
CAS No :87188-51-0  
 Formula : $C_{13}H_{16}O_3$   
 M.W. :220.26 g/mole  
 Density :1.054 g/cm<sup>3</sup>



### LT-PR0041 | BPGF

2,2'-(9H-Fluoren-9-ylidenebis(4,1-phenyleneoxymethylene)) bis-oxirane

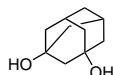
CAS No :47758-37-2  
 Formula :C<sub>31</sub>H<sub>26</sub>O<sub>4</sub>  
 M.W. :462.54 g/mole  
 Density :1.271 g/cm<sup>3</sup>



### LT-PR0042

1,3-Dihydroxyadamantane

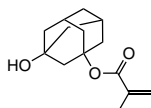
CAS No :5001-18-3  
 M.W. :168.23 g/mole  
 Density :1.368 g/cm<sup>3</sup>



### LT-PR0043 | HAMA

1-Methacryloyloxy-3-adamantanol

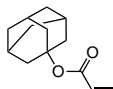
CAS No :115372-36-6  
 Formula :C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>  
 M.W. :236.31 g/mole



### LT-PR0044

1-Adamantyl acrylate

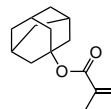
CAS No :121601-93-2  
 Formula :C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :206.28 g/mole  
 Density :1.09 g/cm<sup>3</sup>



### LT-PR0045 | ADAMA

1-Adamantyl methacrylate

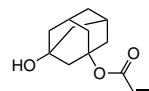
CAS No :16887-36-8  
 Formula :C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>  
 M.W. :220.31 g/mole  
 Density :1.08 g/cm<sup>3</sup>



### LT-PR0046

3-Hydroxy-1-adamantyl acrylate

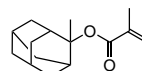
CAS No :216581-76-9  
 Formula :C<sub>13</sub>H<sub>18</sub>O<sub>3</sub>  
 M.W. :222.28 g/mole  
 Density :1.201 g/cm<sup>3</sup>



### LT-PR0047 | MADMA

2-Methyl-2-adamantyl methacrylate

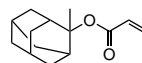
CAS No :177080-67-0  
 Formula :C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>  
 M.W. :234.33 g/mole  
 Density :1.061g/cm<sup>3</sup>



### LT-PR0048

2-Methyl-2-adamantyl acrylate

CAS No :249562-06-9  
 Formula :C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>  
 M.W. :220.31 g/mole



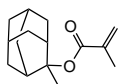
## LT-PR0049 | EADMA

2-Ethyl-2-adamantyl methacrylate

CAS No :209982-56-9

Formula :C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>

M.W. :248.36 g/mole

Density :1.047 g/cm<sup>3</sup>

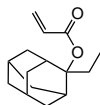
## LT-PR0050 |

2-Ethyl-2-adamantyl acrylate

CAS No :303186-14-3

Formula :C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>

M.W. :234.33 g/mole

Density :1.06 g/cm<sup>3</sup>

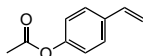
## LT-PR0051 | ACS

4-Ethenylphenol acetate

CAS No :2628-16-2

Formula :C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>

M.W. :162.19 g/mole



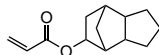
## LT-PR0052 |

Dicyclopentanyl acrylate

CAS No :7398-56-3

Formula :C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>

M.W. :206.28 g/mole



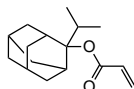
## LT-PR0053 |

2-Isopropyl-2-acryloyloxyadamantane

CAS No :251564-67-7

Formula :C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>

M.W. :248.36 g/mole

Density :1.039 g/cm<sup>3</sup>

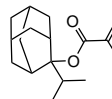
## LT-PR0054 | PADMA

2-Isopropyl-2-adamantyl methacrylate

CAS No :297156-50-4

Formula :C<sub>17</sub>H<sub>26</sub>O<sub>2</sub>

M.W. :262.39 g/mole

Density :0.994 g/cm<sup>3</sup>

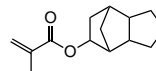
## LT-PR0055 |

Octahydro-1H-4,7-methanoinden-5-yl methacrylate

CAS No :34759-34-7

Formula :C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>

M.W. :220.31 g/mole



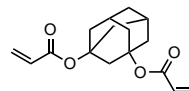
## LT-PR0056 |

1,3-Adamantanediol diacrylate

CAS No :81665-82-9

Formula :C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>

M.W. :276.33 g/mole



## LT-PR0057 |

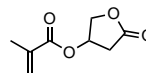
(5-oxoxolan-3-yl) 2-methylprop-2-enoate

CAS No :130224-95-2

Formula :C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :170.16 g/mole

Density :1.1 g/mL at 25 °C (lit.)



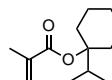
## LT-PR0058 |

2-Propenoic acid, 2-methyl-, 1-(1-methylethyl)cyclohexyl ester

CAS No :811440-77-4

Formula :C<sub>13</sub>H<sub>22</sub>O<sub>2</sub>

M.W. :210.31 g/mole



### LT-PR0059 | ECPMA

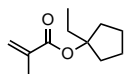
1-Ethylcyclopentyl methacrylate

CAS No :266308-58-1

Formula :C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>

M.W. :182.26 g/mole

Density :0.969 g/cm<sup>3</sup>



### LT-PR0060 |

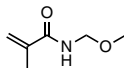
Methoxymethylmethacrylamide

CAS No :3644-12-0

Formula :C<sub>6</sub>H<sub>11</sub>NO<sub>2</sub>

M.W. :129.16 g/mole

Density :0.958 g/cm<sup>3</sup>

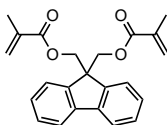


### LT-PR0061 |

9H-Fluorene-9,9-dimethanol dimethacrylate

Formula :C<sub>23</sub>H<sub>22</sub>O<sub>4</sub>

M.W. :362.42 g/mole



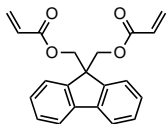
### LT-PR0062 |

9,9-Bis[(acryloyloxy)methyl]fluorene

CAS No :583036-99-1

Formula :C<sub>21</sub>H<sub>18</sub>O<sub>4</sub>

M.W. :334.37 g/mole



### LT-PR0063 |

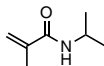
N-Isopropyl methacrylamide

CAS No :13749-61-6

Formula :C<sub>7</sub>H<sub>13</sub>NO

M.W. :127.18 g/mole

Density :0.875 g/cm<sup>3</sup>



### LT-PR0064 |

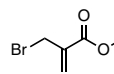
Methyl 2-(bromomethyl)acrylate

CAS No :4224-69-5

Formula :C<sub>5</sub>H<sub>7</sub>BrO<sub>2</sub>

M.W. :179.01 g/mole

Density :1.489 g/cm<sup>3</sup>



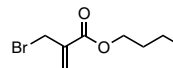
### LT-PR0065 |

2-Bromomethyl-acrylic acid butyl ester

CAS No :170216-64-5

Formula :C<sub>8</sub>H<sub>13</sub>BrO<sub>2</sub>

M.W. :221.09 g/mole



### LT-PR0066 |

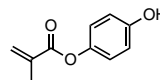
4-Hydroxyphenyl methacrylate

CAS No :31480-93-0

Formula :C<sub>10</sub>H<sub>10</sub>O<sub>3</sub>

M.W. :178.18 g/mole

Density :1.603 g/cm<sup>3</sup>



### LT-PR0067 |

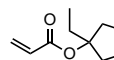
1-Ethylcyclopentyl acrylate

CAS No :326925-69-3

Formula :C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>

M.W. :168.23 g/mole

Density :1.272 g/cm<sup>3</sup>



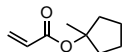
## LT-PR0068

(1-Methylcyclopentyl) prop-2-enoate

CAS No :178889-49-1

Formula :C<sub>9</sub>H<sub>14</sub>O<sub>2</sub>

M.W. :154.21 g/mole

Density :0.977 g/cm<sup>3</sup>

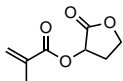
## LT-PR0069

2-Oxotetrahydrofuran-3-yl methacrylate

CAS No :195000-66-9

Formula :C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :170.16 g/mole

Density :1.17 g/cm<sup>3</sup>

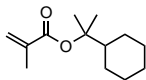
## LT-PR0070

2-Cyclohexylpropan-2-yl methacrylate

CAS No :186585-56-8

Formula :C<sub>13</sub>H<sub>22</sub>O<sub>2</sub>

M.W. :210.31 g/mole



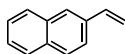
## LT-PR0071

2-Vinylnaphthalene

CAS No :827-54-3

Formula :C<sub>12</sub>H<sub>10</sub>

M.W. :154.21 g/mole

Density :1.031 g/cm<sup>3</sup>

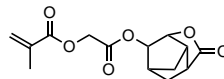
## LT-PR0072

2-Oxo-2-((2-oxohexahydro-2H-3,5-methanocyclopenta[b]furan-6-yl)oxy)ethyl methacrylate

CAS No :347886-81-1

Formula :C<sub>14</sub>H<sub>16</sub>O<sub>6</sub>

M.W. :280.27 g/mole

Density :1.62 g/cm<sup>3</sup>

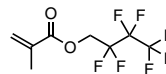
## LT-PR0073

2,2,3,3,4,4,4-Heptafluorobutyl methacrylate

CAS No :13695-31-3

Formula :C<sub>8</sub>H<sub>7</sub>F<sub>7</sub>O<sub>2</sub>

M.W. :268.13 g/mole



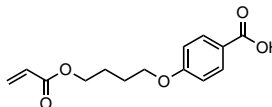
## LT-PR0074 PBBA

4-(4-Prop-2-enyloxybutoxy)benzoic acid

CAS No :69260-42-0

Formula :C<sub>14</sub>H<sub>16</sub>O<sub>5</sub>

M.W. :264.27 g/mole

Density :1.182 g/cm<sup>3</sup>

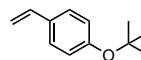
## LT-PR0075

p-Tert-butylloxystyrene

CAS No :95418-58-9

Formula :C<sub>12</sub>H<sub>16</sub>O

M.W. :176.25 g/mole



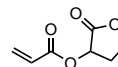
## LT-PR0076

2-Oxotetrahydrofuran-3-yl acrylate

CAS No :328249-37-2

Formula :C<sub>7</sub>H<sub>8</sub>O<sub>4</sub>

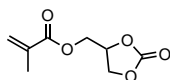
M.W. :156.14 g/mole



### LT-PR0077

(2-oxo-1,3-dioxolan-4-yl)-methyl methacrylate

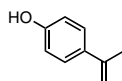
CAS No :13818-44-5  
 Formula : $C_8H_{10}O_5$   
 M.W. :186.16 g/mole  
 Density :1.219 g/cm<sup>3</sup>



### LT-PR0078

4-Isopropenylphenol

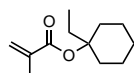
CAS No :4286-23-1  
 Formula : $C_9H_{10}O$   
 M.W. :134.17 g/mole  
 Density :1.003 g/cm<sup>3</sup>



### LT-PR0079 ECHMA

1-Ethylcyclohexyl methacrylate

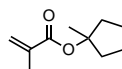
CAS No :274248-09-8  
 Formula : $C_{12}H_{20}O_2$   
 M.W. :196.29 g/mole  
 Density :1.142 g/cm<sup>3</sup>



### LT-PR0080 MCPMA

1-Methylcyclopentyl methacrylate

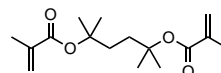
CAS No :178889-45-7  
 Grade :> 98%  
 Formula : $C_{10}H_{16}O_2$   
 M.W. :168.23 g/mole



### LT-PR0081

2,5-Dimethylhexane-2,5-diyl bis(2-methylacrylate)

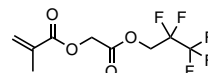
CAS No :131787-39-8  
 Formula : $C_{16}H_{26}O_4$   
 M.W. :282.38 g/mole



### LT-PR0082

2-Oxo-2-(2,2,3,3,3-pentafluoropropoxy)ethyl methacrylate

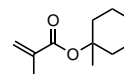
CAS No :1176273-16-7  
 Formula : $C_9H_9F_5O_4$   
 M.W. :276.16 g/mole  
 Density :2.13 g/cm<sup>3</sup>



### LT-PR0083 MCHMA

1-Methylcyclohexyl methacrylate

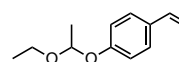
CAS No :76392-14-8  
 Formula : $C_{11}H_{18}O_2$   
 M.W. :182.26 g/mole  
 Density :1.611 g/cm<sup>3</sup>



### LT-PR0084

1-(1-Ethoxyethoxy)-4-vinylbenzene

CAS No :157057-20-0  
 Formula : $C_{12}H_{16}O_2$   
 M.W. :192.25 g/mole  
 Density :0.983 g/cm<sup>3</sup>



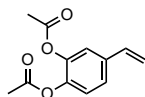
## LT-PR0085

3,4-Diacetoxystyrene

CAS No :57142-64-0

Formula :C<sub>12</sub>H<sub>12</sub>O<sub>4</sub>

M.W. :220.22 g/mole

Density :1.29 g/cm<sup>3</sup>

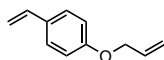
## LT-PR0086

4-Allyloxystyrene

CAS No :16215-47-7

Formula :C<sub>11</sub>H<sub>12</sub>O

M.W. :160.21 g/mole



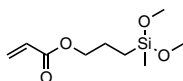
## LT-PR0087

(3-Acryloxypropyl)methyldimethoxysilane

CAS No :13732-00-8

Formula :C<sub>9</sub>H<sub>18</sub>O<sub>4</sub>Si

M.W. :218.32 g/mole



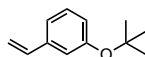
## LT-PR0088

1-(1,1-Dimethylethoxy)-3-ethenylbenzene

CAS No :105612-79-1

Formula :C<sub>12</sub>H<sub>16</sub>O

M.W. :176.25 g/mole

Density :0.933 g/cm<sup>3</sup>

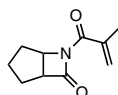
## LT-PR0089

6-Methacryloyl-6-azabicyclo[3.2.0]heptan-7-one

CAS No :1267624-16-7

Formula :C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub>

M.W. :179.22 g/mole



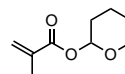
## LT-PR0090 THPMA

Tetrahydropyranyl methacrylate

CAS No :52858-59-0

Formula :C<sub>9</sub>H<sub>14</sub>O<sub>3</sub>

M.W. :170.21 g/mole

Density :1.2 g/cm<sup>3</sup>

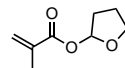
## LT-PR0091

2-Tetrahydrofuryl methacrylate

CAS No :15895-80-4

Formula :C<sub>8</sub>H<sub>12</sub>O<sub>3</sub>

M.W. :156.18 g/mole

Density :1.293 g/cm<sup>3</sup>

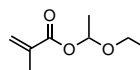
## LT-PR0092

1-Ethoxyethyl methacrylate

CAS No :51920-52-6

Formula :C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>

M.W. :158.19 g/mole

Density :1.3~1.4 g/cm<sup>3</sup>

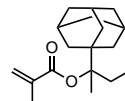
## LT-PR0093

1-Methyl-1-ethyl-1-adamantylmethanol methacrylate

CAS No :325991-26-2

Formula :C<sub>18</sub>H<sub>28</sub>O<sub>2</sub>

M.W. :276.41 g/mole

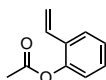




### LT-PR0094

#### 2-Acetoxystyrene

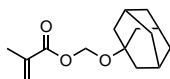
CAS No :63600-35-1  
 Formula : $C_{10}H_{10}O_2$   
 M.W. :162.18 g/mole  
 Density :1.07 g/cm<sup>3</sup>



### LT-PR0095

#### (adamantan-1-yloxy)methyl methacrylate

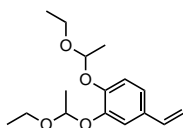
CAS No :863198-25-8  
 Formula : $C_{15}H_{22}O_3$   
 M.W. :250.33 g/mole



### LT-PR0096

#### 4-Ethenyl-1,2-bis(1-ethoxyethoxy)-benzene

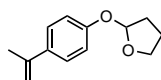
CAS No :186768-92-3  
 Formula : $C_{16}H_{24}O_4$   
 M.W. :280.36 g/mole



### LT-PR0097

#### Tetrahydro-2-[4-(1-methylethenyl)phenoxy]furan

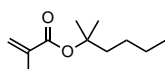
CAS No :214531-13-2  
 Formula : $C_{13}H_{16}O_2$   
 M.W. :204.26 g/mole



### LT-PR0098 P BuMA

#### 2-methylhexan-2-yl methacrylate

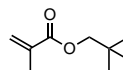
CAS No :1004549-78-3  
 Formula : $C_{11}H_{20}O_2$   
 M.W. :184.28 g/mole



### LT-PR0099 NPMA

#### Neopentyl methacrylate

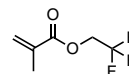
CAS No :2397-76-4  
 Formula : $C_9H_{16}O_2$   
 M.W. :156.22 g/mole  
 Density :0.89 g/cm<sup>3</sup>



### LT-PR0100 EFMA

#### 2,2,2-Trifluoroethyl methacrylate

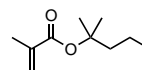
CAS No :352-87-4  
 Formula : $C_6H_7F_3O_2$   
 M.W. :168.11 g/mole  
 Density :1.181 g/cm<sup>3</sup>



### LT-PR0101 EBuMA

#### 2-Methyl-2-Propenoic Acid 1,1-Dimethylbutyl Ester

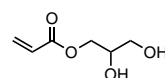
CAS No :100472-88-6  
 Formula : $C_{10}H_{18}O_2$   
 M.W. :170.25 g/mole



### LT-PR0102

#### 2,3-dihydroxypropyl prop-2-enoate

CAS No :10095-20-2  
 Formula : $C_6H_{10}O_4$   
 M.W. :146.14 g/mole  
 Density :1.202 g/cm<sup>3</sup>



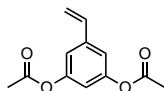
## LT-PR0104

3,5-diacetoxystyrene

CAS No :155222-48-3

Formula :C<sub>12</sub>H<sub>12</sub>O<sub>4</sub>

M.W. :220.22 g/mole

Density :1.155 g/cm<sup>3</sup>

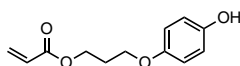
## LT-PR0105

3-(4-Hydroxyphenoxy)propyl acrylate

CAS No :1092853-38-7

Formula :C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :222.24 g/mole



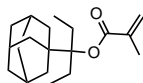
## LT-PR0106

1,1-diethyl-1-adamantylmethanol methacrylate

CAS No :325991-24-0

Formula :C<sub>19</sub>H<sub>30</sub>O<sub>2</sub>

M.W. :290.44 g/mole



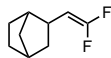
## LT-PR0107

2-(2,2-Difluoroethyl)bicyclo[2.2.1]heptane

CAS No :123455-94-7

Formula :C<sub>9</sub>H<sub>12</sub>F<sub>2</sub>

M.W. :158.19 g/mole

Density :0.82 g/cm<sup>3</sup>

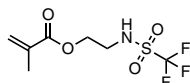
## LT-PR0108

2-Trifluoromethanesulfonylaminoethyl methacrylate

CAS No :314756-98-4

Formula :C<sub>7</sub>H<sub>10</sub>F<sub>3</sub>NO<sub>4</sub>S

M.W. :261.22 g/mole



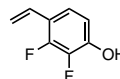
## LT-PR0109

2,3-Difluoro-4-vinylphenol

CAS No :343305-64-6

Formula :C<sub>8</sub>H<sub>6</sub>F<sub>2</sub>O

M.W. :156.13 g/mole



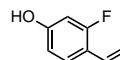
## LT-PR0110

3-Fluoro-4-vinylphenol

CAS No :646058-20-0

Formula :C<sub>8</sub>H<sub>7</sub>FO

M.W. :138.14 g/mole



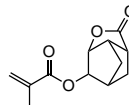
## LT-PR0111

2-Oxohexahydro-2H-3,5-methanocyclopenta[b]furan-6-yl Methacrylate

CAS No :254900-07-7

Formula :C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :222.24 g/mole



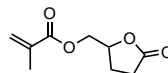
## LT-PR0112

(5-Oxotetrahydrofuran-2-yl)methyl methacrylate

CAS No :156938-09-9

Formula :C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>

M.W. :184.19 g/mole



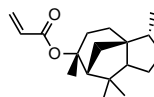
## LT-PR0113

(3R,3aS,6R,7R,8aS)-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-yl ester

CAS No :132603-00-0

Formula :C<sub>18</sub>H<sub>28</sub>O<sub>2</sub>

M.W. :276.41 g/mole



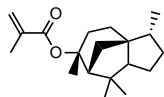
### LT-PR0114

(3R,3aS,6R,7R)-3,6,8,8-tetramethyloctahydro-1H-3a,7-methanoazulen-6-yl methacrylate

CAS No :132603-01-1

Formula :C<sub>19</sub>H<sub>30</sub>O<sub>2</sub>

M.W. :290.44 g/mole



### P213000000 PGMEA

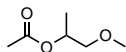
1-Methoxy-2-propyl acetate

CAS No :108-65-6

Formula :C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>

M.W. :132.16 g/mole

Density :0.959 g/cm<sup>3</sup>



### T214000000 TPS-PFBS

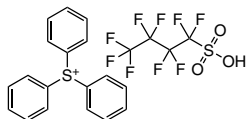
Triphenylsulfonium perfluoro-1-butanesulfonate

CAS No :144317-44-2

Formula :C<sub>22</sub>H<sub>16</sub>F<sub>9</sub>O<sub>3</sub>S<sub>2</sub><sup>+</sup>

M.W. :563.48 g/mole

Density :1.066 g/cm<sup>3</sup>

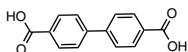


## Metal Organic Frameworks (MOF)

### K0079

#### Biphenyl-4,4'-dicarboxylic acid

CAS No : 787-70-2  
 Grade : >98%  
 Formula :  $C_{14}H_{10}O_4$   
 M.W. : 242.23 g/mole  
 Boiling Point :  $482.5 \pm 38.0$  °C at 760 mmHg  
 Melting Point : >300 °C (lit.)  
 Density :  $1.3 \pm 0.1$  g/cm<sup>3</sup>

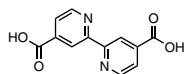


### K0141

#### H2dcbp

#### [2,2'-Bipyridine]-4,4'-dicarboxylic acid

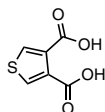
CAS No : 6813-38-3  
 Grade : >98%  
 Formula :  $C_{12}H_8N_2O_4$   
 M.W. : 244.20 g/mole  
 Melting Point : >310 °C



### K0408

#### Thiophene-3,4-dicarboxylic acid

CAS No : 4282-29-5  
 Grade : >98%  
 Formula :  $C_6H_4O_4S$   
 M.W. : 172.16 g/mole  
 Boiling Point :  $405.9 \pm 30.0$  °C at 760 mmHg  
 Melting Point : 227~231 °C  
 Density :  $1.7 \pm 0.1$  g/cm<sup>3</sup>

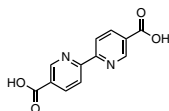


### K1268

#### DCBPy

#### 2,2'-Bipyridine-5,5'-dicarboxylic acid

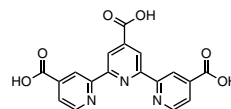
CAS No : 1802-30-8  
 Grade : >98%  
 Formula :  $C_{12}H_8N_2O_4$   
 M.W. : 244.20 g/mole  
 Melting Point : >360 °C (lit.)



### K1278

#### 2,2':6,2''-Terpyridine-4,4',4''-Tricarboxylic Acid

CAS No : 216018-58-5  
 Grade : >98%  
 Formula :  $C_{18}H_{11}N_3O_6$   
 M.W. : 365.30 g/mole  
 Boiling Point :  $890.3 \pm 65.0$  °C at 760 mmHg

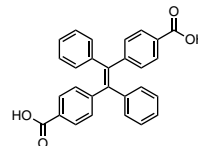


### K1715

#### TPE-CA

#### 4,4'-(1,2-Diphenylethene-1,2-diyl)dibenzoic acid

CAS No : 1002339-79-8  
 Grade : >98%  
 Formula :  $C_{28}H_{20}O_4$   
 M.W. : 420.46 g/mole

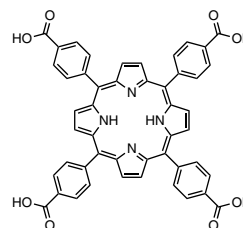


### LT-D0010

#### H2TCPP

#### meso-Tetra(4-carboxyphenyl)porphine

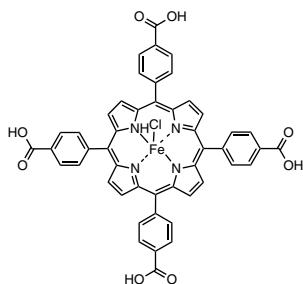
CAS No : 14609-54-2  
 Grade : >97% (HPLC)  
 Formula :  $C_{48}H_{30}N_4O_8$   
 M.W. : 790.79 g/mole  
 UV : 411 nm (in  $CH_2Cl_2$ )



## LT-D0012 | TCPP-Fe(3+)

Iron(III) meso-tetra(4-carboxyphenyl)porphine chloride

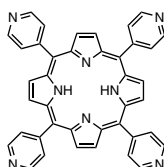
CAS No :55266-17-6  
 Grade :>95%  
 Formula :C<sub>48</sub>H<sub>28</sub>ClFeN<sub>4</sub>O<sub>8</sub>  
 M.W. :880.06 g/mole



## LT-D0033 | TPP

meso-Tetra(4-pyridyl)porphine

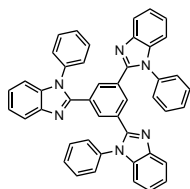
CAS No :16834-13-2  
 Grade :>98%  
 Formula :C<sub>40</sub>H<sub>26</sub>N<sub>8</sub>  
 M.W. :618.69 g/mole  
 Density :1.4±0.1 g/cm<sup>3</sup>



## LT-E302 | TPBi

1,3,5-Tris(1-phenyl-1Hbenzimidazol-2-yl)benzene

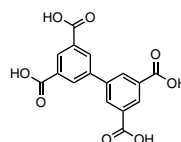
CAS No :192198-85-9  
 Grade :Sublimed >99.5%  
 Formula :C<sub>45</sub>H<sub>30</sub>N<sub>6</sub>  
 M.W. :654.76 g/mole  
 UV :305 nm (in THF)  
 PL :370 nm (in THF)  
 TGA :>330 °C (0.5% weight loss)  
 Melting Point:272~277 °C  
 Density :1.26 g/cm<sup>3</sup>



## LT-MOF0001 | H4BPTC

Biphenyl-3,3',5,5'-tetracarboxylic acid

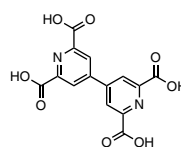
CAS No :4371-28-2  
 Grade :>98%  
 Formula :C<sub>16</sub>H<sub>10</sub>O<sub>8</sub>  
 M.W. :330.25 g/mole  
 Boiling Point :772.3±60.0 °C at 760 mmHg (lit.)  
 Melting Point:>400 °C  
 Density :1.6 g/mL



## LT-MOF0002 | H4BPTCA

[4,4'-Bipyridine]-2,2',6,6'-tetracarboxylic acid

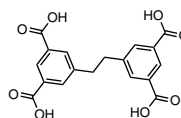
CAS No :124558-60-7  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>O<sub>8</sub>  
 M.W. :332.22 g/mole



## LT-MOF0003 |

5,5'-(ethane-1,2-diyl)diisophthalic acid

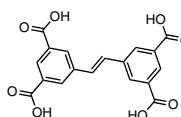
CAS No :1774401-34-1  
 Grade :>98%  
 Formula :C<sub>18</sub>H<sub>14</sub>O<sub>8</sub>  
 M.W. :358.30 g/mole



## LT-MOF0004 | H4TSTC

5,5'-(ethene-1,2-diyl)diisophthalic acid

CAS No :1025726-44-6  
 Grade :>97%  
 Formula :C<sub>18</sub>H<sub>12</sub>O<sub>8</sub>  
 M.W. :356.28 g/mole  
 Boiling Point :760.6±60.0 °C  
 Density :1.599±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C



## Metal Organic Frameworks (MOF)

### LT-MOF0005

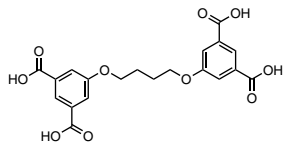
5,5'-(butane-1,4-diyl)-bis(oxy)diisophthalic acid

CAS No :113585-35-6

Grade :>95%

Formula :C<sub>20</sub>H<sub>18</sub>O<sub>10</sub>

M.W. :418.35 g/mole



### LT-MOF0006

H4EBTC

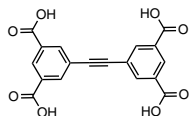
Diphenylethyne-3,3',5,5'-tetracarboxylic acid

CAS No :957014-38-9

Grade :>97%

Formula :C<sub>18</sub>H<sub>10</sub>O<sub>8</sub>

M.W. :354.27 g/mole



### LT-MOF0007

TAZBH4

3,3',5,5'-Azobenzenetetracarboxylic acid

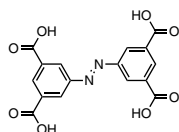
CAS No :365549-33-3

Grade :>98%

Formula :C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :358.26 g/mole

Melting Point:390 °C (decomp)



### LT-MOF0008

H4DDA

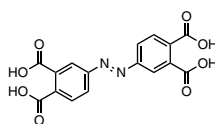
4,4'-(1,2-diazenediyl)bis-1,2-Benzenedicarboxylic acid

CAS No :21278-45-5

Grade :>95%

Formula :C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :358.25 g/mole:



### LT-MOF0009

H4TPTA

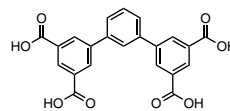
[1,1':3,1''-Terphenyl]-3,3',5,5''-tetracarboxylic acid

CAS No :1433189-27-5

Grade :>95%

Formula :C<sub>22</sub>H<sub>14</sub>O<sub>8</sub>

M.W. :406.34 g/mole



### LT-MOF0010

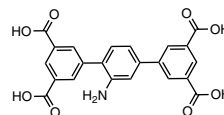
2'-Amino-[1,1':4,1''-terphenyl]-3,3',5,5''-tetracarboxylic acid

CAS No :1874200-71-1

Grade :>95%

Formula :C<sub>22</sub>H<sub>15</sub>NO<sub>8</sub>

M.W. :421.35 g/mole



### LT-MOF0011

H4MTPTA

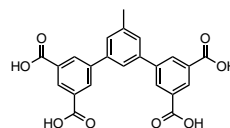
5'-methyl-[1,1':3,1''-Terphenyl]-3,3',5,5''-tetracarboxylic acid

CAS No :1433189-28-6

Grade :>98%

Formula :C<sub>23</sub>H<sub>16</sub>O<sub>8</sub>

M.W. :420.36 g/mole



### LT-MOF0012

BTEI

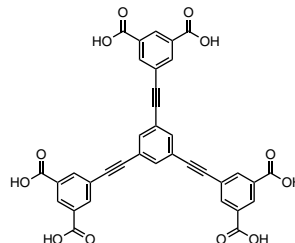
1,3,5-tris(3,5-dicarboxylphenylethynyl)benzene

CAS No :1173285-13-6

Grade :>97%

Formula :C<sub>36</sub>H<sub>18</sub>O<sub>12</sub>

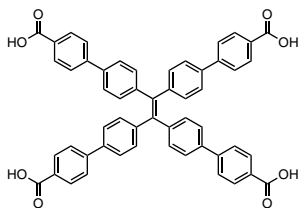
M.W. :642.52 g/mole



## LT-MOF0013 | H4ETTC

4',4'',4''',4''''-(ethene-1,1,2,2-tetrayl)tetrabiphenyl-4-carboxylic acid

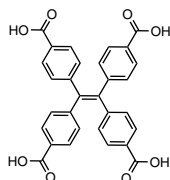
CAS No :1610858-96-2  
 Grade :>96%  
 Formula :C<sub>54</sub>H<sub>36</sub>O<sub>8</sub>  
 M.W. :812.85 g/mole  
 Boiling Point :987.7±65.0 °C at 760 mmHg  
 Density :1.3±0.1 g/cm<sup>3</sup>



## LT-MOF0014 | H4TCPE

1,1,2,2-Tetra(4-carboxylphenyl)ethylene

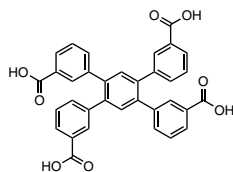
CAS No :1351279-73-6  
 Grade :>97%  
 Formula :C<sub>30</sub>H<sub>20</sub>O<sub>8</sub>  
 M.W. :508.47 g/mole  
 Boiling Point :752.3±60.0 °C at 760 mmHg  
 Density :1.4±0.1 g/cm<sup>3</sup>



## LT-MOF0015 | m-H4TCPB

1,2,4,5-Tetrakis(3-carboxyphenyl)benzene

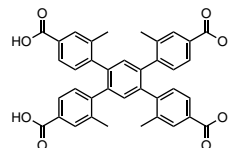
CAS No :1629643-34-0  
 Grade :>95%  
 Formula :C<sub>34</sub>H<sub>22</sub>O<sub>8</sub>  
 M.W. :558.53 g/mole



## LT-MOF0016 |

4',5'-bis(4-carboxy-2-methylphenyl)-2,2''-dimethyl-[1,1':2',1''-terphenyl]-4,4''-dicarboxylic acid

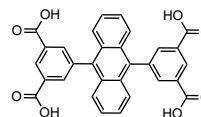
Grade :>95%  
 Formula :C<sub>38</sub>H<sub>30</sub>O<sub>8</sub>  
 M.W. :614.64 g/mole



## LT-MOF0017 | H4adip

5,5'-(Anthracene-9,10-diyl)diisophthalic acid

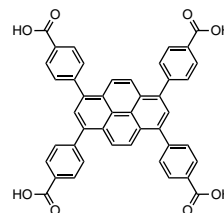
CAS No :422269-95-2  
 Grade :>97%  
 Formula :C<sub>30</sub>H<sub>18</sub>O<sub>8</sub>  
 M.W. :506.45 g/mole



## LT-MOF0018 | H4TBAPy

4,4',4'',4'''-(Pyrene-1,3,6,8-tetrayl)tetrabenzoic acid

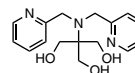
CAS No :933047-52-0  
 Grade :>97%  
 Formula :C<sub>44</sub>H<sub>26</sub>O<sub>8</sub>  
 M.W. :682.67 g/mole



## LT-MOF0019 |

2-(bis(pyridin-2-ylmethyl)amino)-2-(hydroxymethyl)propane-1,3-diol

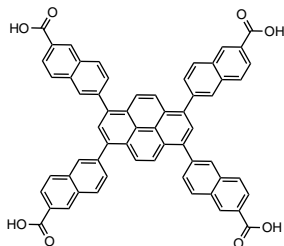
CAS No :1595210-11-9  
 Grade :>95%  
 Formula :C<sub>16</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
 M.W. :303.35 g/mole



## Metal Organic Frameworks (MOF)

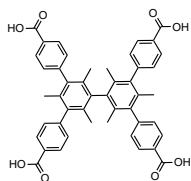
### LT-MOF0020 | H4PTTNA

6,6',6'',6'''-(Pyrene-1,3,6,8-tetrayl)tetrakis(2-naphthoic acid)  
 CAS No :2010983-66-9  
 Grade :>95%  
 Formula : $C_{60}H_{34}O_8$   
 M.W. :882.90 g/mole



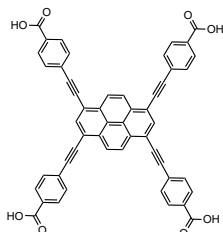
### LT-MOF0021 | H4TCHB

4,4',4'',4'''-(2,2',4,4',6,6'-Hexamethylbiphenyl-3,3',5,5'-tetrayl) tetrabenzoic acid  
 CAS No :868046-56-4  
 Grade :>95%  
 Formula : $C_{46}H_{38}O_8$   
 M.W. :718.78 g/mole



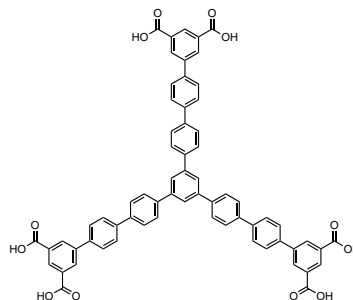
### LT-MOF0022 | H4ptba

4,4',4'',4'''-(1,3,6,8-Pyrenetetrayl)tetra-2,1-ethynediyl)tetrakis benzoic acid  
 CAS No :1569900-71-5  
 Grade :>97%  
 Formula : $C_{52}H_{26}O_8$   
 M.W. :778.75 g/mole  
 Boiling Point :1090.2±65.0 °C  
 Density :1.56±0.1 g/cm<sup>3</sup>



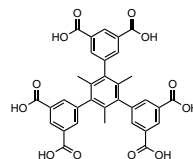
### LT-MOF0023 | H6btti

5,5',5''-[1,3,5-Benzenetriyltris(4,4'-biphenylene)]tris(1,3-benzenedicarboxylic acid)  
 CAS No :1333127-74-4  
 Grade :>95%  
 Formula : $C_{66}H_{42}O_{12}$   
 M.W. :1027.03 g/mole



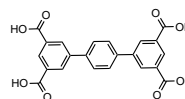
### LT-MOF0024 |

2,4,6-tri-Me benzene-1,3,5-triyl-isophthalate  
 CAS No :1374764-27-8  
 Grade :>95%  
 Formula : $C_{33}H_{24}O_{12}$   
 M.W. :612.53 g/mole



### LT-MOF0025 | H4TPTC

[1,1':4,1'']Terphenyl- 3,3',5,5''-tetracarboxylic acid  
 CAS No :921619-89-8  
 Grade :>97%  
 Formula : $C_{22}H_{14}O_8$   
 M.W. :406.34 g/mole  
 Melting Point:>370 °C





## Metal Organic Frameworks (MOF)

### LT-MOF0026 | H4TCBP

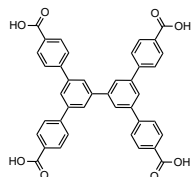
(biphenyl-3, 3',5, 5'-tetra-(phenyl-4-carboxylic acid))

CAS No :1383925-31-2

Grade :>97%

Formula : $C_{40}H_{26}O_8$

M.W. :634.62 g/mole



### LT-MOF0027 | H4TCPBDA

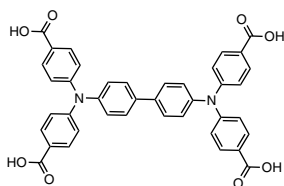
Benzoic acid,4,4',4''-(1,1'-biphenyl)-4,4'-diyl)dinitrilo

CAS No :1193093-31-0

Grade :>97%

Formula : $C_{40}H_{28}N_2O_8$

M.W. :664.65 g/mole



### LT-MOF0028 | H4TCPT

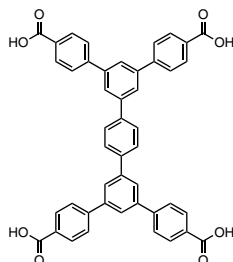
5',5'''-Bis(4-carboxyphenyl)-[1,1':3,1'':4'',1''':3''',1''''-quinquephenyl]-4,4''''-dicarboxylic acid

CAS No :1816997-25-7

Grade :>95%

Formula : $C_{46}H_{30}O_8$

M.W. :710.72 g/mole



### LT-MOF0029 | H4TCPB

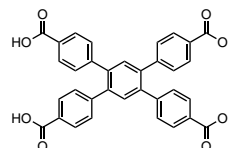
1,2,4,5-Tetrakis(4-carboxyphenyl)benzene

CAS No :1078153-58-8

Grade :>95%

Formula : $C_{34}H_{22}O_8$

M.W. :558.53 g/mole



### LT-MOF0030 |

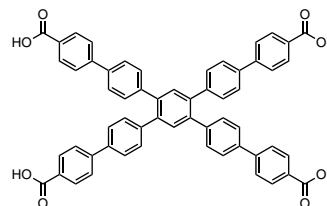
4-[4-[2,4,5-Tris(4-(4-carboxyphenyl)phenyl)phenyl]phenyl]phenyl]benzoic acid

CAS No :1643112-46-2

Grade :>95%

Formula : $C_{58}H_{38}O_8$

M.W. :862.91 g/mole



### LT-MOF0031 | H6CPB

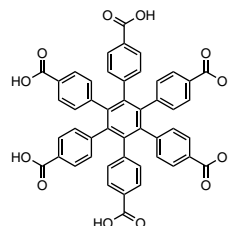
Hexakis(4-carboxyphenyl)benzene

CAS No :83536-16-7

Grade :>95%

Formula : $C_{48}H_{30}O_{12}$

M.W. :798.74 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0032 | H4MTBC

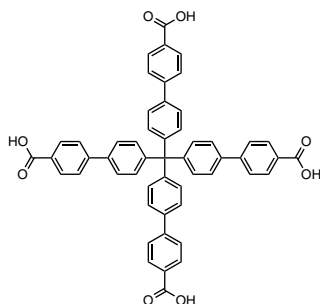
4',4'',4''',4''''-methanetetrayltetrabiphenyl-4-carboxylic acid

CAS No :1208241-38-6

Grade :>95%

Formula :C<sub>53</sub>H<sub>36</sub>O<sub>8</sub>

M.W. :800.84 g/mole



### LT-MOF0033

Hexakis(4-(4-carboxyphenyl)phenyl)benzene

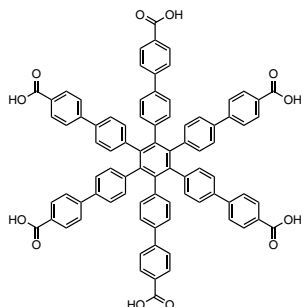
CAS No :1374404-53-1

Grade :>95%

Formula :C<sub>84</sub>H<sub>54</sub>O<sub>12</sub>

M.W. :1255.32 g/mole

Density :1.324±0.06 g/cm<sup>3</sup>



### LT-MOF0034 | H4MTB

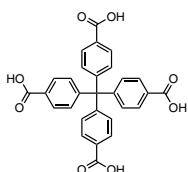
4,4',4'',4''''-methanetetrayltetrabenzoic acid

CAS No :160248-28-2

Grade :>95%

Formula :C<sub>29</sub>H<sub>20</sub>O<sub>8</sub>

M.W. :496.46 g/mole



### LT-MOF0035 | m-H4TCS

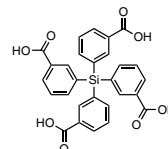
3,3',3'',3''''-silanetetrayltetrakis-Benzoic acid

CAS No :31825-57-7

Grade :>95%

Formula :C<sub>28</sub>H<sub>20</sub>O<sub>8</sub>Si

M.W. :512.54 g/mole



### LT-MOF0036 | H4ATC

1,3,5,7-Adamantanetetracarboxylic Acid

CAS No :100884-80-8

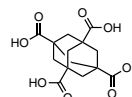
Grade :>98%

Formula :C<sub>14</sub>H<sub>16</sub>O<sub>8</sub>

M.W. :312.27 g/mole

Boiling Point :403.6±40.0 °C at 760 mmHg

Density :1.9±0.1 g/cm<sup>3</sup>



### LT-MOF0037 | H4MDIA

5,5'-Methylenediisophthalic acid

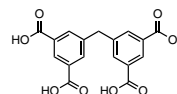
CAS No :10397-52-1

Grade :>95%

Formula :C<sub>17</sub>H<sub>12</sub>O<sub>8</sub>

M.W. :344.27 g/mole

Melting Point:324~331 °C



### LT-MOF0038 | H4bptc

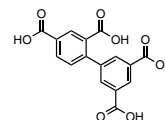
[1,1'-Biphenyl]-2,3',4,5'-tetracarboxylic acid

CAS No :1689528-82-2

Grade :>95%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>8</sub>

M.W. :330.24 g/mole



## LT-MOF0039 | H4odip

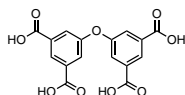
5,5'-oxydiisophthalic acid

CAS No :1817605-38-1

Grade :>98%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>9</sub>

M.W. :346.24 g/mole



## LT-MOF0040 | H5DDCPBA

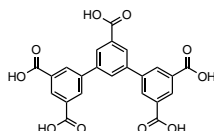
[1,1':3',1''-terphenyl]-3,3'',5,5',5''-pentacarboxylic acid

CAS No :1618682-19-1

Grade :>95%

Formula :C<sub>23</sub>H<sub>14</sub>O<sub>10</sub>

M.W. :450.35 g/mole



## LT-MOF0041 | H4TPTCA

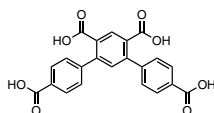
[1,1':3',1''-Terphenyl]-4,4'',6',6''-tetracarboxylic acid

CAS No :1810737-66-6

Grade :>95%

Formula :C<sub>22</sub>H<sub>14</sub>O<sub>8</sub>

M.W. :406.34 g/mole



## LT-MOF0042 | CBDA

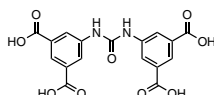
5,5'-(carbonylbis(azanediyl))-diisophthalic acid

CAS No :105699-82-9

Grade :>98%

Formula :C<sub>17</sub>H<sub>12</sub>N<sub>2</sub>O<sub>9</sub>

M.W. :388.28 g/mole



## LT-MOF0043 |

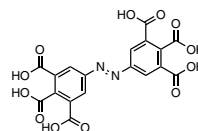
1,2,3-tricarboxyazophenyl)benzene

CAS No :1236108-27-2

Grade :>98%

Formula :C<sub>18</sub>H<sub>10</sub>N<sub>2</sub>O<sub>12</sub>

M.W. :446.27 g/mole



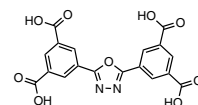
## LT-MOF0044 |

5,5'-(1,3,4-oxadiazole-2,5-diy)diisophthalic acid

Grade :>95%

Formula :C<sub>18</sub>H<sub>10</sub>N<sub>2</sub>O<sub>9</sub>

M.W. :398.28 g/mole



## LT-MOF0045 | H4PDDI

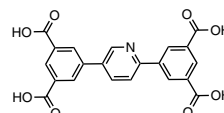
5,5'-(2,5-Pyridinediy)bis(isophthalic acid

CAS No :1431292-15-7

Grade :>95%

Formula :C<sub>21</sub>H<sub>13</sub>NO<sub>8</sub>

M.W. :407.32 g/mole



## LT-MOF0046 | H4pbta

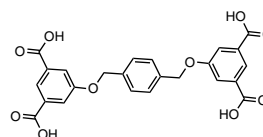
5,5'-[p-Xylylenebis(oxy)]bis(isophthalic acid

CAS No :22937-70-8

Grade :>98%

Formula :C<sub>24</sub>H<sub>18</sub>O<sub>10</sub>

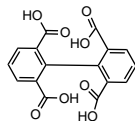
M.W. :466.39 g/mole



## Metal Organic Frameworks (MOF)

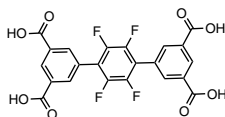
### LT-MOF0047 | 2,2',6,6'-H4BPCT

[1,1'-Biphenyl]-2,2',6,6'-tetracarboxylic acid  
 CAS No :4371-27-1  
 Grade :>97%  
 Formula :C<sub>16</sub>H<sub>10</sub>O<sub>8</sub>  
 M.W. :330.24 g/mole



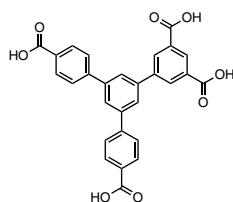
### LT-MOF0048 |

5,5'-(2,3,5,6-Tetrafluoro-1,4-phenylene)bis(isophthalic acid)  
 CAS No :1119196-00-7  
 Grade :>97%  
 Formula :C<sub>22</sub>H<sub>10</sub>O<sub>8</sub>F<sub>4</sub>  
 M.W. :478.30 g/mole



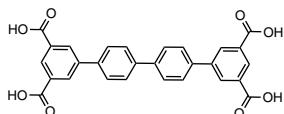
### LT-MOF0049 | H4CPTTA

5'-(4-Carboxyphenyl)-[1,1':3',1''-terphenyl]-3,4'',5-tricarboxylic acid  
 CAS No :1250980-04-1  
 Grade :>95%  
 Formula :C<sub>28</sub>H<sub>18</sub>O<sub>8</sub>  
 M.W. :482.44 g/mole



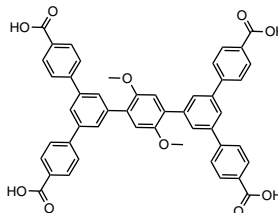
### LT-MOF0050 | H4QPTC

Quarterphenyl-3,3'',5,5'''-tetracarboxylic acid  
 CAS No :921619-91-2  
 Grade :>95%  
 Formula :C<sub>28</sub>H<sub>18</sub>O<sub>8</sub>  
 M.W. :482.44 g/mole



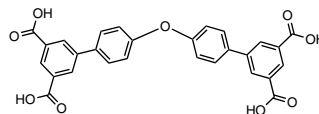
### LT-MOF0051 |

5',5'''-(2,5-Dimethoxy-p-phenylene)bis(1,1':3',1''-terbenzene-4,4''-dicarboxylic acid)  
 CAS No :1800290-01-0  
 Grade :>95%  
 Formula :C<sub>48</sub>H<sub>34</sub>O<sub>10</sub>  
 M.W. :770.78 g/mole



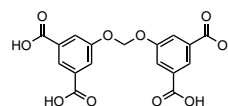
### LT-MOF0052 | H4obdb

4',4'''-Oxybis[1,1'-biphenyl]-3,5-dicarboxylic acid  
 CAS No :1570096-83-1  
 Grade :>95%  
 Formula :C<sub>28</sub>H<sub>18</sub>O<sub>9</sub>  
 M.W. :498.44 g/mole



### LT-MOF0053 |

5,5'-[Methylenebis(oxy)]bis[1,3-benzenedicarboxylic acid]  
 CAS No :1268133-46-5  
 Grade :>95%  
 Formula :C<sub>17</sub>H<sub>12</sub>O<sub>10</sub>  
 M.W. :376.27 g/mole



## LT-MOF0054 | H4TTFTB

Tetrathiafulvalene-3,4,5,6-tetrakis(4-benzoic acid)

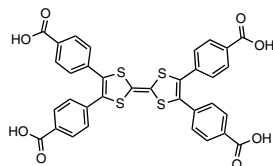
CAS No :1392413-73-8

Grade :>95%

Formula :C<sub>34</sub>H<sub>20</sub>O<sub>8</sub>S<sub>4</sub>

M.W. :684.78 g/mole

Boiling Point :890.4±65.0 °C (lit.)



## LT-MOF0055 | H4TCPP

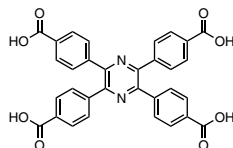
4,4',4'',4'''-(pyrazine-2,3,5,6-tetrayl)tetrabenzoic acid

CAS No :2089016-10-2

Grade :>95%

Formula :C<sub>32</sub>H<sub>20</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :560.51 g/mole



## LT-MOF0056 | TCPPDA

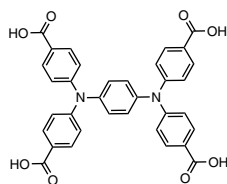
4,4',4'',4'''-(1,4-phenylenedinitrilo)tetrakis-Benzoic acid

CAS No :873655-81-3

Grade :>97%

Formula :C<sub>34</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :588.56 g/mole



## LT-MOF0057

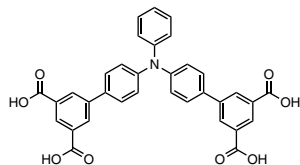
4',4'''-(phenylazanediy)bis(((1,1'-biphenyl]-3,5-dicarboxylic acid))

CAS No :2226923-73-3

Grade :>95%

Formula :C<sub>34</sub>H<sub>23</sub>NO<sub>8</sub>

M.W. :573.55 g/mole



## LT-MOF0058

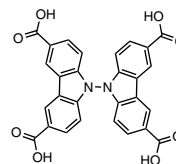
[9,9'-bicarbazole]-3,3',6,6'-tetracarboxylic acid

CAS No :2266564-54-7

Grade :>95%

Formula :C<sub>28</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :508.44 g/mole



## LT-MOF0059 | H4BDC

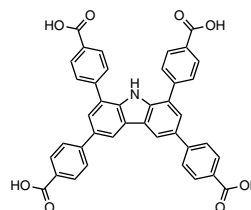
4-[1,6,8-tris(4-carboxyphenyl)-9H-carbazol-3-yl]-Benzoic acid

CAS No :2097131-99-0

Grade :>95%

Formula :C<sub>40</sub>H<sub>25</sub>NO<sub>8</sub>

M.W. :647.63 g/mole



## LT-MOF0060 | TCDPN

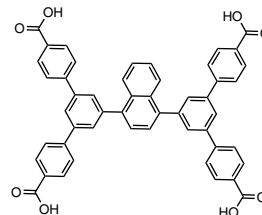
5',5'''-(naphthalene-1,4-diyl)bis(((1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid))

CAS No :1816997-26-8

Grade :>95%

Formula :C<sub>50</sub>H<sub>34</sub>O<sub>8</sub>

M.W. :762.80 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0061 | 4,4'-NH<sub>2</sub>H<sub>4</sub>TPCB

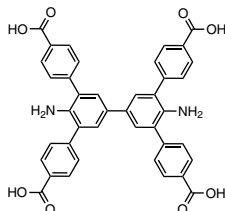
4'',6'-Diamino-5'',5''-Bis(4-Carboxyphenyl)-[1,1':3',1'':3'',1'''-Quaterphenyl]-4,4'''-Dicarboxylic Acid

CAS No :1834576-53-2

Grade :>97%

Formula :C<sub>40</sub>H<sub>28</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :664.66 g/mole



### LT-MOF0062 | TCPP-Cd

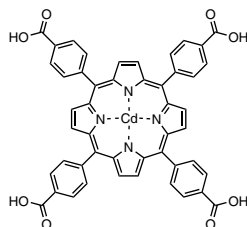
(SP-4-1)-Cadmate(4-), [[4,4',4'',4'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[benzoato]](6-)-N<sub>21</sub>,N<sub>22</sub>,N<sub>23</sub>,N<sub>24</sub>]-tetrahydrogen

CAS No :82404-76-0

Grade :>95%

Formula :C<sub>48</sub>H<sub>28</sub>CdN<sub>4</sub>O<sub>8</sub>

M.W. :898.15 g/mole



### LT-MOF0063 | H4TCM

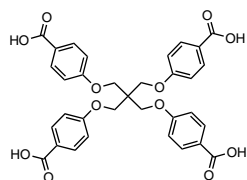
Tetrakis(4-carboxyphenoxy)methyl) methane

CAS No :245551-35-3

Grade :>97%

Formula :C<sub>33</sub>H<sub>28</sub>O<sub>12</sub>

M.W. :616.57 g/mole



### LT-MOF0064 |

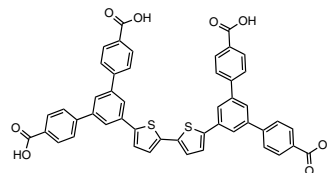
4,4',4'',4'''-(2,2'-Bithiophene-5,5'-diyl)bis(benzene-1,3,5-triyl)tetrakisbenzoic acid

CAS No :1227780-71-3

Grade :>95%

Formula :C<sub>48</sub>H<sub>30</sub>O<sub>8</sub>S<sub>2</sub>

M.W. :798.88 g/mole



### LT-MOF0065 |

(Methanetetrayl)tetrakis(benzene-4,1-diyl)tetrakis(phosphonic acid)

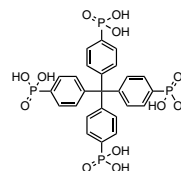
CAS No :1632402-15-3

Grade :>97%

Formula :C<sub>25</sub>H<sub>24</sub>O<sub>12</sub>P<sub>4</sub>

M.W. :640.35 g/mole

Storage :2~8 °C



### LT-MOF0066 | PDIN

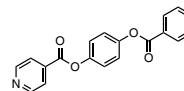
4-(Isonicotinoyloxy)phenyl isonicotinate

CAS No :154306-50-0

Grade :>95%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :320.30 g/mole



### LT-MOF0067 | dmsdip

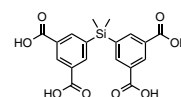
5,5'-(Dimethylsilanediyl)diisophthalic acid

CAS No :1171890-34-8

Grade :>95%

Formula :C<sub>18</sub>H<sub>16</sub>O<sub>8</sub>Si

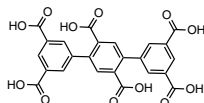
M.W. :388.40 g/mole



## LT-MOF0068

[1,1':4',1''-Terphenyl]-2',3,3'',5,5',5'''-hexacarboxylic acid

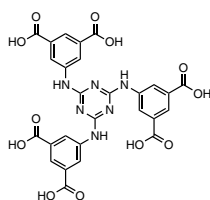
CAS No :1542274-12-3  
 Grade :>97%  
 Formula : $C_{24}H_{14}O_{12}$   
 M.W. :494.36 g/mole  
 Boiling Point :935.6±65.0 °C  
 Density :1.674±0.06 g/cm<sup>3</sup>



## LT-MOF0069

5,5',5'''-(1,3,5-triazine-2,4,6-triyl)tris(azanediy)trisophtalic acid

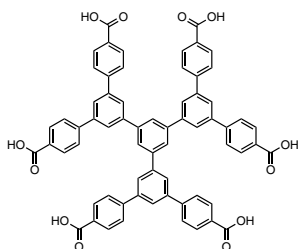
CAS No :776242-98-9  
 Grade :>95%  
 Formula : $C_{27}H_{18}N_6O_{12}$   
 M.W. :618.46 g/mole



## LT-MOF0070

1,3,5-Tris(3,5-di(4-carboxyphenyl)phenyl)benzene

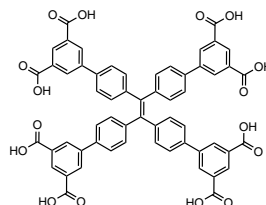
CAS No :1331745-95-9  
 Grade :>95%  
 Formula : $C_{66}H_{42}O_{12}$   
 M.W. :1027.03 g/mole



## LT-MOF0071

4',4''',4''''',4''''''-(Ethene-1,1,2,2-tetrayl)tetrakis([(1,1'-biphenyl]-3,5-dicarboxylic acid))

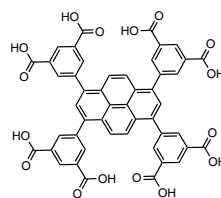
CAS No :1420471-57-3  
 Grade :>97%  
 Formula : $C_{58}H_{36}O_{16}$   
 M.W. :988.90 g/mole



## LT-MOF0072

5,5',5'''-(Pyrene-1,3,6,8-tetrayl)tetrakisophtalic acid

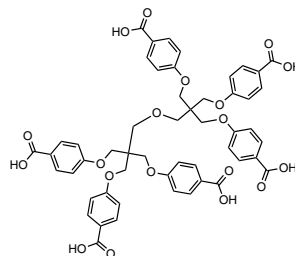
CAS No :1569900-72-6  
 Grade :>97%  
 Formula : $C_{48}H_{26}O_{16}$   
 M.W. :858.71 g/mole



## LT-MOF0073

Hexakis[4-(carboxyphenyl)oxamethyl]-3-oxapentane

CAS No :1359740-26-3  
 Grade :>95%  
 Formula : $C_{52}H_{46}O_{19}$   
 M.W. :974.91 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0074 | H8TDM

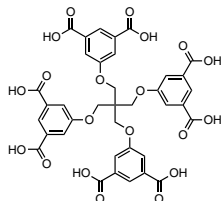
Tetrakis[(3,5-dicarboxyphenoxy)methyl]methane

CAS No :1315269-33-0

Grade :>95%

Formula :C<sub>37</sub>H<sub>28</sub>O<sub>20</sub>

M.W. :792.61 g/mole



### LT-MOF0075 | H6PET

4,4',4'',4'''-nitrilotris-((9,10-Dihydro-9,10-[1,2]

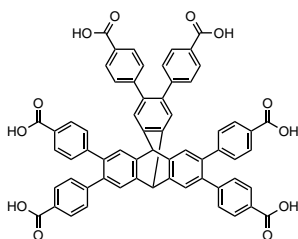
Benzenoanthracene-2,3,6,7,14,15-Hexyl)Hexabenzoic Acid

CAS No :1835723-11-9

Grade :>95%

Formula :C<sub>62</sub>H<sub>38</sub>O<sub>12</sub>

M.W. :974.96 g/mole



### LT-MOF0076 |

4',4'',4'''-nitrilotris([(1,1'-biphenyl)-3,5-dicarboxylic acid])

CAS No :1347748-59-7

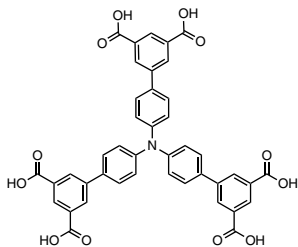
Grade :>97%

Formula :C<sub>42</sub>H<sub>27</sub>NO<sub>12</sub>

M.W. :737.66 g/mole

Boiling Point :1136.4±65.0 °C

Density :1.50±0.06 g/cm<sup>3</sup>



### LT-MOF0077 | H6TDBB

1,3,5-tris(3',5'-dicarboxy[1,1'-biphenyl]-4-yl)benzene

CAS No :1126896-14-7

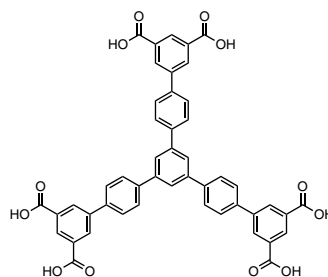
Grade :>97%

Formula :C<sub>48</sub>H<sub>30</sub>O<sub>12</sub>

M.W. :798.74 g/mole

Boiling Point :1190.3±65.0 °C

Density :1.435±0.06 g/cm<sup>3</sup>



### LT-MOF0078 |

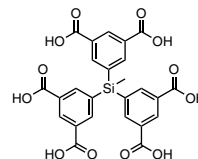
5,5',5'''-(methylsilyldi)tris-1,3-Benzenedicarboxylic acid

CAS No :2066572-56-1

Grade :>97%

Formula :C<sub>25</sub>H<sub>18</sub>O<sub>12</sub>Si

M.W. :538.49 g/mole



### LT-MOF0079 |

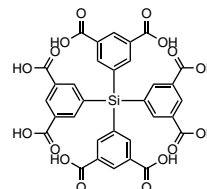
5,5',5'''-silanetetrayltetraisophthalic

CAS No :1412999-57-5

Grade :>95%

Formula :C<sub>32</sub>H<sub>20</sub>O<sub>16</sub>Si

M.W. :688.58 g/mole

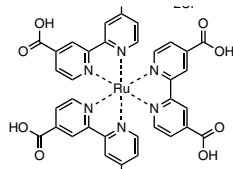




## LT-MOF0080

Tris(4,4'-dicarboxylicacid-2,2'-bipyridyl)ruthenium(II) dichloride

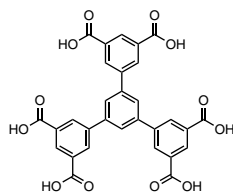
CAS No : 97333-46-5  
 Grade : >96%  
 Formula :  $C_{36}H_{24}N_6O_{12}Cl_2Ru$   
 M.W. : 904.59 g/mole  
 Melting Point: >250 °C



## LT-MOF0081 H6BHB

5'-(3,5-dicarboxyphenyl)-[1,1':3',1''-terphenyl]-3,3'',5,5''-tetracarboxylic acid

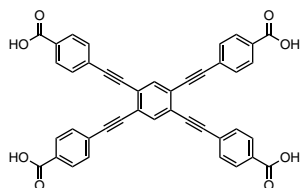
CAS No : 1228047-99-1  
 Grade : >98%  
 Formula :  $C_{30}H_{18}O_{12}$   
 M.W. : 570.46 g/mole



## LT-MOF0082

4,4',4'',4'''-(1,2,4,5-benzenetetrayltetra-2,1-ethynediyl)tetrakis-Benzoic acid

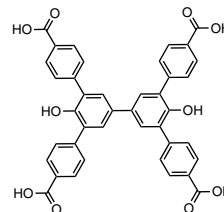
CAS No : 1569900-69-1  
 Grade : >97%  
 Formula :  $C_{42}H_{22}O_8$   
 M.W. : 654.62 g/mole



## LT-MOF0083 4,4'OHH4TPCB

4,4'-dihydroxybiphenyl-3,3',5,5'-tetra(phenyl-4-carboxylic acid

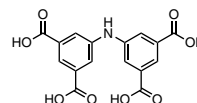
CAS No : 2143095-89-8  
 Grade : >97%  
 Formula :  $C_{40}H_{26}O_{10}$   
 M.W. : 666.63 g/mole



## LT-MOF0084

5,5'-azanediyl diisophthalic acid

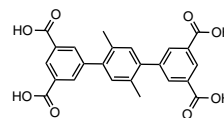
CAS No : 2231810-36-7  
 Grade : >95%  
 Formula :  $C_{16}H_{11}NO_8$   
 M.W. : 345.26 g/mole



## LT-MOF0085 H4TPTC-Me

2',5'-dimethyl-[1,1':4',1''-terphenyl]-3,3'',5,5''-tetracarboxylic acid

CAS No : 1119195-98-0  
 Grade : >95%  
 Formula :  $C_{24}H_{18}O_8$   
 M.W. : 434.39 g/mole

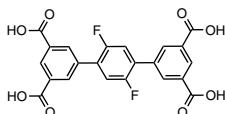


## Metal Organic Frameworks (MOF)

### LT-MOF0086 | H4TPTC-F

2',5'-difluoro-[1,1':4,1''-terphenyl]-3,3'',5,5''-tetracarboxylic acid

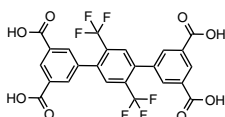
CAS No :1119195-97-9  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>12</sub>O<sub>8</sub>F<sub>2</sub>  
 M.W. :442.32 g/mole



### LT-MOF0087

2',5'-bis(trifluoromethyl)-[1,1':4,1''-terphenyl]-3,3'',5,5''-tetracarboxylic acid

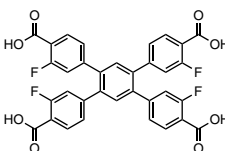
CAS No :1807609-67-1  
 Grade :>95%  
 Formula :C<sub>24</sub>H<sub>12</sub>O<sub>8</sub>F<sub>6</sub>  
 M.W. :542.34 g/mole



### LT-MOF0088

4',5'-bis(4-carboxy-3-fluorophenyl)-3,3''-difluoro-[1,1':2,1''-terphenyl]-4,4''-dicarboxylic acid

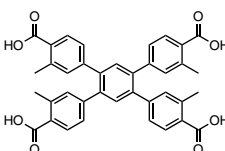
Grade :>95%  
 Formula :C<sub>34</sub>H<sub>18</sub>F<sub>4</sub>O<sub>8</sub>  
 M.W. :630.50 g/mole



### LT-MOF0089

4',5'-bis(4-carboxy-3-methylphenyl)-3,3''-dimethyl-[1,1':2,1''-terphenyl]-4,4''-dicarboxylic acid

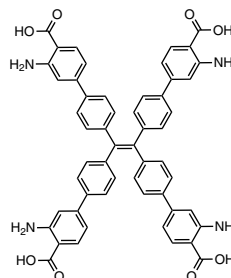
Grade :>95%  
 Formula :C<sub>38</sub>H<sub>30</sub>O<sub>8</sub>  
 M.W. :614.64 g/mole



### LT-MOF0090

4',4''',4''''',4''''''-(1,2-ethenediylidene)tetrakis[3-amino-[1,1'-Biphenyl]-4-carboxylic acid

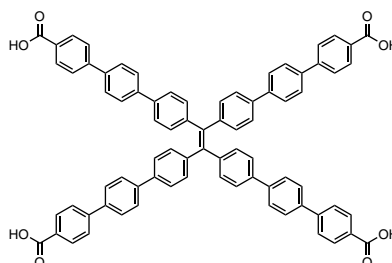
CAS No :1643112-47-3  
 Grade :>95%  
 Formula :C<sub>54</sub>H<sub>40</sub>N<sub>4</sub>O<sub>8</sub>  
 M.W. :872.92 g/mole:



### LT-MOF0091

4',4''',4''''',4''''''-(ethene-1,1,2,2-tetrayl)tetrakis((1,1':4,1''-terphenyl)-4-carboxylic acid)

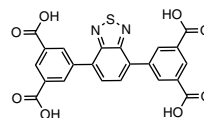
CAS No :1643112-50-8  
 Grade :>95%  
 Formula :C<sub>78</sub>H<sub>52</sub>O<sub>8</sub>  
 M.W. :1117.24 g/mole



### LT-MOF0092

5,5'-(benzo[c][1,2,5]thiadiazole-4,7-diyl)diisophthalic acid

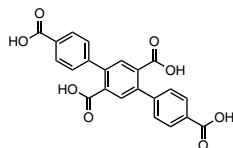
CAS No :1627605-35-9  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S  
 M.W. :464.40 g/mole



## LT-MOF0093 | H4tptc

(1,1':4',1''-terphenyl)-2',4,4'',5'-tetracarboxylic acid

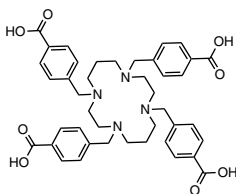
CAS No :115101-93-4  
 Grade :>95%  
 Formula : $C_{22}H_{14}O_8$   
 M.W. :292.33 g/mole



## LT-MOF0094 |

4,4',4'',4'''-[(1,4,8,11-tetraazacyclotetradecane-1,4,8,11-tetrayl) tetrakis(methylene)]tetrakis-Benzoic acid

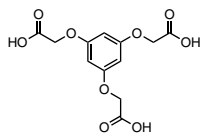
CAS No :1886010-85-0  
 Grade :>95%  
 Formula : $C_{42}H_{48}N_4O_8$   
 M.W. :736.85 g/mole



## LT-MOF0095 | H3TCMB

1,3,5-Tris(Carboxymethoxy)Benzene

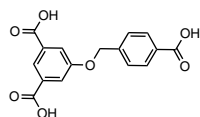
CAS No :215162-34-8  
 Grade :>98%  
 Formula : $C_{12}H_{12}O_9$   
 M.W. :300.22 g/mole



## LT-MOF0096 | p-cbiaH3

5-((4-carboxybenzyl)oxy)isophthalic acid

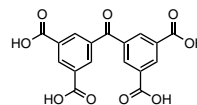
CAS No :1050912-62-3  
 Grade :>95%  
 Formula : $C_{16}H_{12}O_7$   
 M.W. :316.26 g/mole



## LT-MOF0097 | H4cdip

5-(3,5-Dicarboxybenzoyl)isophthalic acid

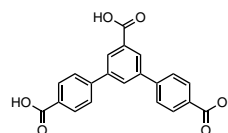
CAS No :43080-50-8  
 Grade :>95%  
 Formula : $C_{17}H_{10}O_9$   
 M.W. :358.26 g/mole



## LT-MOF0098 | H3TPTC

3,5-di(4'-carboxylphenyl)benzoic acid

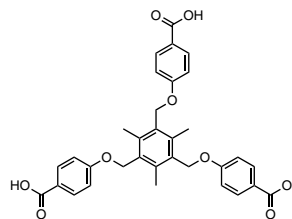
CAS No :1263218-51-4  
 Grade :>95%  
 Formula : $C_{21}H_{14}O_6$   
 M.W. :362.33 g/mole



## LT-MOF0099 | H3BTBC

1,3,5-tris[4-(carboxyphenyl)oxymethyl]-2,4,6-trimethylbenzene

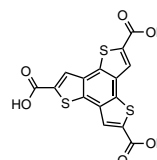
CAS No :1401343-31-4  
 Grade :>98%  
 Formula : $C_{33}H_{30}O_9$   
 M.W. :570.59 g/mole



## LT-MOF0100 | H3BTTC

Benzo[1,2-b:3,4-b':5,6-b'']trithiophene-2,5,8-tricarboxylic acid

CAS No :1174223-25-6  
 Grade :>97%  
 Formula : $C_{15}H_6O_6S_3$   
 M.W. :378.40 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0101 | H3BTB

1,3,5-Tri(4-carboxyphenyl)benzene

CAS No :50446-44-1

Grade :>98%

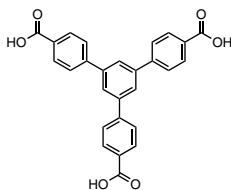
Formula :C<sub>27</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :438.43 g/mole

Boiling Point :711.0±60.0 °C at 760 mmHg

Melting Point:322~327 °C

Density :1.4±0.1 g/cm<sup>3</sup>



### LT-MOF0102 | H3BTB-CH3

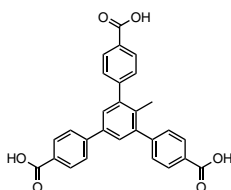
5'-(4-carboxyphenyl)-2'-methyl-[1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid

CAS No :1774401-31-8

Grade :>98%

Formula :C<sub>28</sub>H<sub>20</sub>O<sub>6</sub>

M.W. :452.45 g/mole



### LT-MOF0103 | NH2-H3BTB

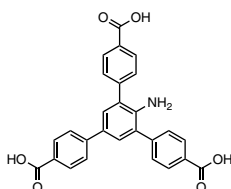
2'-amino-5'-(4-carboxyphenyl)-[1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid

CAS No :1414662-67-1

Grade :>97%

Formula :C<sub>27</sub>H<sub>19</sub>NO<sub>6</sub>

M.W. :453.44 g/mole Melting Point:>225 °C (dec.)



### LT-MOF0104 |

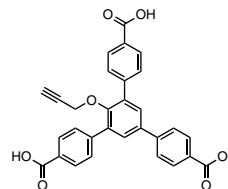
5'-(4-carboxyphenyl)-2'-(2-propyn-1-yloxy)-[1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid

CAS No :1646595-32-5

Grade :>97%

Formula :C<sub>30</sub>H<sub>20</sub>O<sub>7</sub>

M.W. :492.48 g/mole



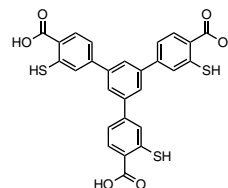
### LT-MOF0105 |

5'-(4-carboxy-3-mercaptophenyl)-3,3''-dimercapto-[1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid

Grade :>95%

Formula :C<sub>27</sub>H<sub>18</sub>O<sub>6</sub>S<sub>3</sub>

M.W. :534.62 g/mole



### LT-MOF0106 | o-cpiaH3

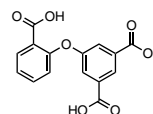
5-(2-Carboxyphenoxy)isophthalic acid

CAS No :1361345-85-8

Grade :>98%

Formula :C<sub>15</sub>H<sub>10</sub>O<sub>7</sub>

M.W. :302.24 g/mole



### LT-MOF0107 | H3DCPN

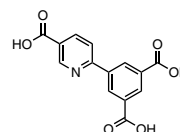
5-(5-carboxypyridin-2-yl)benzene-1,3-dicarboxylic acid

CAS No :1261935-37-8

Grade :>95%

Formula :C<sub>14</sub>H<sub>9</sub>NO<sub>6</sub>

M.W. :287.22 g/mole



## LT-MOF0108 | H3BPT

3,5,4'-Biphenyltricarboxylic acid

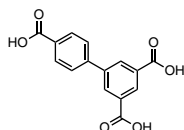
CAS No :677010-20-7

Grade :>97%

Formula :C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>

M.W. :286.24 g/mole

Melting Point:>300 °C



## LT-MOF0109 | H3TPT

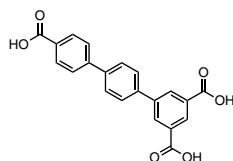
[1,1':4',1''-Terphenyl]-3,4',5-tricarboxylic acid

CAS No :1637760-07-6

Grade :>95%

Formula :C<sub>21</sub>H<sub>14</sub>O<sub>6</sub>

M.W. :362.33 g/mole



## LT-MOF0110 | H3cpop

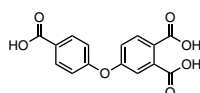
4-(4-Carboxyphenoxy)phthalic acid

CAS No :7717-74-0

Grade :>98%

Formula :C<sub>15</sub>H<sub>10</sub>O<sub>7</sub>

M.W. :302.24 g/mole



## LT-MOF0111

4,4',4''-nitriлотribenzoic acid

CAS No :118996-38-6

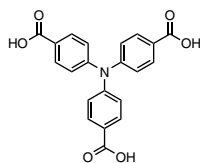
Grade :>98%

Formula :C<sub>21</sub>H<sub>15</sub>NO<sub>6</sub>

M.W. :377.35 g/mole

Boiling Point :690.0±50.0 °C at 760 mmHg

Density :1.5±0.1 g/cm<sup>3</sup>



## LT-MOF0112 | H3ITTC

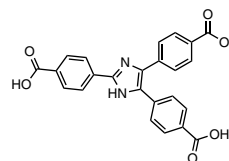
4,4',4''-(1H-imidazole-2,4,5-triyl)tribenzoic acid

CAS No :2329408-06-0

Grade :>95%

Formula :C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

M.W. :428.39 g/mole



## LT-MOF0113 | H3CPCDC

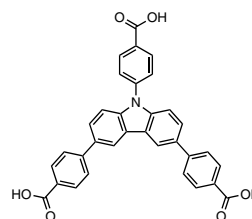
4,4',4''-(9H-Carbazole-3,6,9-triyl)tris[benzoic acid]

CAS No :2292116-92-6

Grade :>97%

Formula :C<sub>33</sub>H<sub>21</sub>NO<sub>6</sub>

M.W. :527.52 g/mole



## LT-MOF0114 | QPTBC

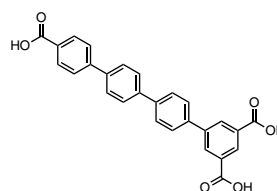
[1,1':4',1''':4''',1''''-Quaterphenyl]-3,4''',5-tricarboxylic acid

CAS No :2005517-60-0

Grade :>95%

Formula :C<sub>27</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :438.43 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0115

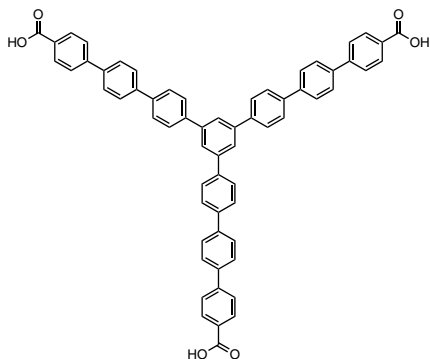
1,3,5-tris (terephthalate) -benzene

CAS No :1246015-42-8

Grade :>95%

Formula :C<sub>63</sub>H<sub>42</sub>O<sub>6</sub>

M.W. :895.00 g/mole



### LT-MOF0116

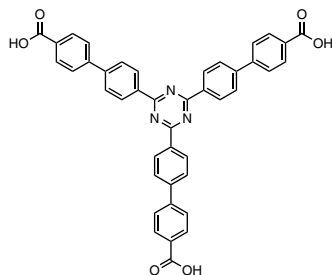
4',4''',4''''-(1,3,5-triazine-2,4,6-triyl)tris((1,1'-biphenyl)-4-carboxylic acid)

CAS No :1331756-62-7

Grade :>98%

Formula :C<sub>42</sub>H<sub>27</sub>N<sub>3</sub>O<sub>6</sub>

M.W. :669.68 g/mole



### LT-MOF0117

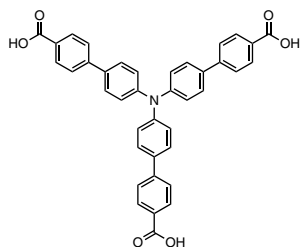
4',4''',4''''-nitritoltris((1,1'-biphenyl)-4-carboxylic acid)

CAS No :1239602-35-7

Grade :>95%

Formula :C<sub>39</sub>H<sub>27</sub>NO<sub>6</sub>

M.W. :605.63 g/mole



### LT-MOF0118

4,4',4''-(2,4,6-trimethylbenzene-1,3,5-triyl)tribenzoic acid

CAS No :1246562-60-6

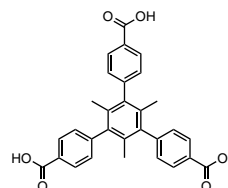
Grade :>97%

Formula :C<sub>30</sub>H<sub>24</sub>O<sub>6</sub>

M.W. :480.51 g/mole

Boiling Point :627.1±55.0 °C

Density :1.292±0.06 g/cm<sup>3</sup>



### LT-MOF0119

4,4',4''-(1,3,5-benzenetriyltri-2,1-ethynediyl)tris-Benzoic acid

CAS No :205383-17-1

Grade :>96%

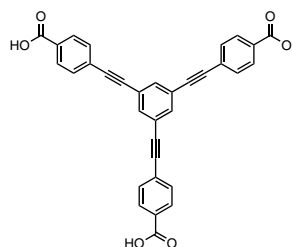
Formula :C<sub>33</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :510.49 g/mole

Boiling Point :827.1±65.0 °C

Melting Point:352 °C

Density :1.48±0.1 g/cm<sup>3</sup>



### LT-MOF0120

4,4',4''-(1,3,5-triazine-2,4,6-triyl)tris(azanediyl)tribenzoic acid

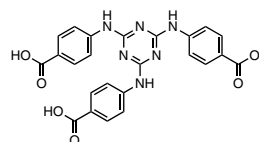
CAS No :63557-10-8

Grade :>95%

Formula :C<sub>24</sub>H<sub>18</sub>N<sub>6</sub>O<sub>6</sub>

M.W. :486.44 g/mole

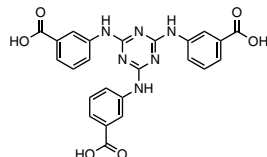
Storage :2~8 °C



## LT-MOF0121 | m-H3TATAB

4,4',4''-s-triazine-1,3,5-triyltri-m-aminobenzoic acid

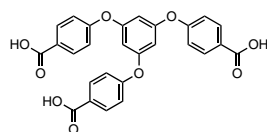
CAS No :1383425-68-0  
 Grade :>95%  
 Formula : $C_{24}H_{18}N_6O_6$   
 M.W. :486.44 g/mole



## LT-MOF0122 | H3TCPB

4,4',4''-(benzene-1,3,5-triyltris(oxy))tribenzoic acid

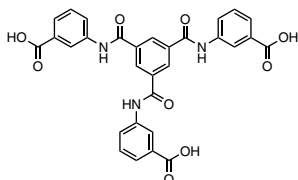
CAS No :1071125-59-1  
 Grade :>96%  
 Formula : $C_{27}H_{18}O_9$   
 M.W. :486.43 g/mole



## LT-MOF0123 |

3,3',3''-(benzenetricarbonyltris(azanediyl))tribenzoic acid

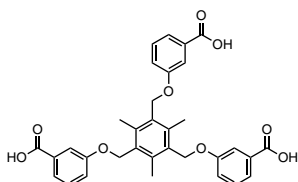
CAS No :776242-89-8  
 Grade :>98%  
 Formula : $C_{30}H_{21}N_3O_9$   
 M.W. :567.50 g/mole



## LT-MOF0124 |

3,3',3''-(((2,4,6-Trimethylbenzene-1,3,5-triyl)tris(methylene)tris(oxy))tribenzoic acid

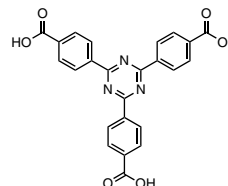
CAS No :1417713-93-9  
 Grade :>99%  
 Formula : $C_{33}H_{30}O_9$   
 M.W. :570.59 g/mole



## LT-MOF0125 | H3TATB

2,4,6-Tris(4-Carboxyphenyl)-1,3,5-Triazine

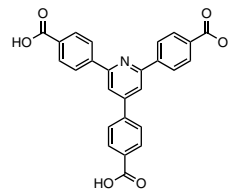
CAS No :61414-16-2  
 Grade :>98%  
 Formula : $C_{24}H_{15}N_3O_6$   
 M.W. :441.39 g/mole  
 Boiling Point :799.9 °C at 760 mmHg  
 Melting Point:83~88 °C  
 Density :1.458 g/cm<sup>3</sup>



## LT-MOF0126 | H3PTB

2,4,6-Tris(p-carboxyphenyl)pyridin

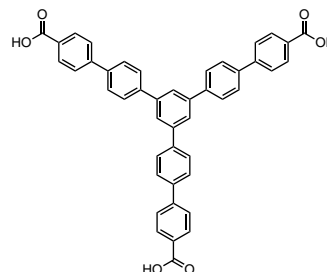
CAS No :107063-53-6  
 Grade :>97%  
 Formula : $C_{26}H_{17}NO_6$   
 M.W. :439.42 g/mole



## LT-MOF0127 | H3BBC

1,3,5-Tris(4'-carboxy[1,1'-biphenyl]-4-yl)benzene

CAS No :911818-75-2  
 Grade :>97%  
 Formula : $C_{45}H_{30}O_6$   
 M.W. :666.72 g/mole  
 Melting Point:326 °C



## Metal Organic Frameworks (MOF)

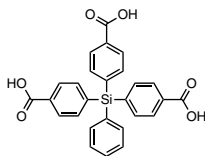
### LT-MOF0128

tri(4-carboxyphenyl)phenylsilane

CAS No :61414-17-3

Grade :>95%

Formula :C<sub>27</sub>H<sub>20</sub>O<sub>6</sub>Si



### LT-MOF0129

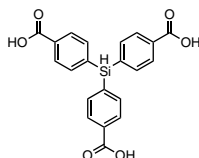
4,4',4''-silanetriyltribenzoic acid

CAS No :1883576-35-9

Grade :>95%

Formula :C<sub>21</sub>H<sub>15</sub>O<sub>6</sub>Si

M.W. :392.43 g/mole



### LT-MOF0130

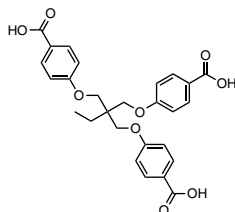
4,4'-[[2-[[[4-carboxyphenoxy)methyl]-2-ethylpropane-1,3-diyloxy]dibenzoic acid

CAS No :1359740-23-0

Grade :>97%

Formula :C<sub>27</sub>H<sub>26</sub>O<sub>9</sub>

M.W. :494.49 g/mole



### LT-MOF0131

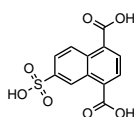
6-sulfonaphthalene-1,9-dicarboxylic acid

CAS No :732939-58-1

Grade :>98%

Formula :C<sub>12</sub>H<sub>8</sub>O<sub>7</sub>S

M.W. :296.25 g/mole



### LT-MOF0132

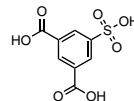
5-Sulfoisophthalic acid

CAS No :22326-31-4

Grade :>97%

Formula :C<sub>8</sub>H<sub>6</sub>O<sub>7</sub>S

M.W. :246.19 g/mole



### LT-MOF0133 H3TPO

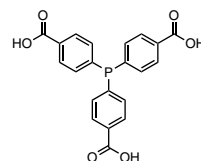
tris(4-carboxylphenyl)phosphineoxide

CAS No :807-19-2

Grade :>90%

Formula :C<sub>21</sub>H<sub>15</sub>O<sub>6</sub>P

M.W. :410.31 g/mole



### LT-MOF0134 H3BCPBA

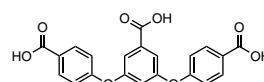
3,5-Bis(4-carboxyphenoxy)benzoic acid

CAS No :914919-19-0

Grade :>95%

Formula :C<sub>21</sub>H<sub>14</sub>O<sub>8</sub>

M.W. :588.60 g/mole



### LT-MOF0135 H3BTB-F

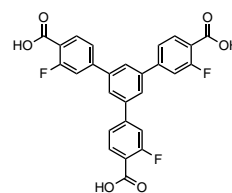
4,4',4''-(1,3,5-Benzenetriyl)tris(2-fluorobenzoic acid)

CAS No :1660960-35-9

Grade :>95%

Formula :C<sub>27</sub>H<sub>15</sub>F<sub>3</sub>O<sub>6</sub>

M.W. :492.39 g/mole





## LT-MOF0136 | H3BTN

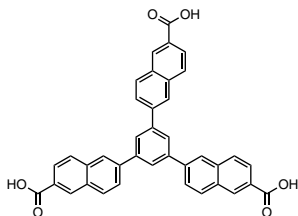
6,6',6''-(benzene-1,3,5-triyl)tris(2-naphthoic acid)

CAS No :1383916-83-3

Grade :>95%

Formula :C<sub>39</sub>H<sub>24</sub>O<sub>6</sub>

M.W. :588.60 g/mole



## LT-MOF0137 | H3TTNA

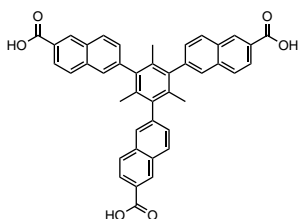
6,6',6''-(2,4,6-trimethylbenzene-1,3,5-triyl)tris(2-naphthoic acid)

CAS No :1907697-57-7

Grade :>95%

Formula :C<sub>42</sub>H<sub>30</sub>O<sub>6</sub>

M.W. :630.68 g/mole



## LT-MOF0138 | H3BTB-NH2

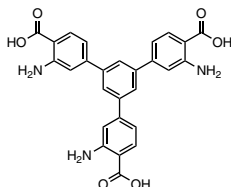
3,3''-diamino-5'-(3-amino-4-carboxyphenyl)-1,1':3',1''-Terphenyl]-4,4''-dicarboxylic acid

CAS No :1660960-30-4

Grade :>95%

Formula :C<sub>27</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub>

M.W. :483.47 g/mole



## LT-MOF0139 | H3tctp

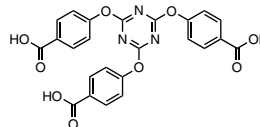
2,4,6-tris(4-carboxyphenoxy)-1,3,5-triazine

CAS No :118803-83-1

Grade :>95%

Formula :C<sub>24</sub>H<sub>15</sub>N<sub>3</sub>O<sub>9</sub>

M.W. :489.39 g/mole



## LT-MOF0140 | BTAC

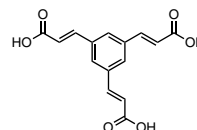
3,3',3''-(1,3,5-Benzenetriyl)trisacrylic acid

CAS No :41009-88-5

Grade :>95%

Formula :C<sub>15</sub>H<sub>12</sub>O<sub>6</sub>

M.W. :288.25 g/mole



## LT-MOF0141 | H3TIBTC

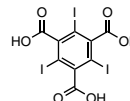
2,4,6-triiodobenzene-1,3,5-tricarboxylic acid

CAS No :79211-41-9

Grade :>95%

Formula :C<sub>9</sub>H<sub>3</sub>I<sub>3</sub>O<sub>6</sub>

M.W. :587.83 g/mole



## LT-MOF0142 | 5-H2EIA

5-ethoxy-1,3-Benzenedicarboxylic acid

CAS No :203626-61-3

Grade :>97%

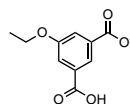
Formula :C<sub>10</sub>H<sub>10</sub>O<sub>5</sub>

M.W. :210.18 g/mole

Boiling Point :441.7±30.0 °C

Melting Point:245~248 °C

Density :1.355±0.06 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

### LT-MOF0143 | BDC-I

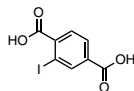
2-Iodoterephthalic acid

CAS No :1829-22-7

Grade :>95%

Formula :C<sub>8</sub>H<sub>5</sub>IO<sub>4</sub>

M.W. :292.03 g/mole



### LT-MOF0144 | 5-CF3-1,3-BDC

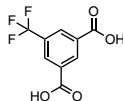
5-(TrifluoroMethyl)benzene-1,3-dicarboxylic acid

CAS No :117186-03-5

Grade :>97%

Formula :C<sub>9</sub>H<sub>5</sub>F<sub>3</sub>O<sub>4</sub>

M.W. :234.13 g/mole



### LT-MOF0145 | H2eddb

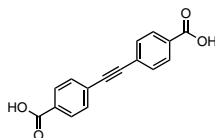
4,4'-(Ethyne-1,2-diyl)dibenzoic acid

CAS No :16819-43-5

Grade :>97%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :266.25 g/mole



### LT-MOF0146 | H2DFBPDC

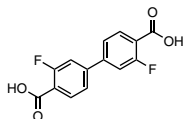
3,3'-Difluoro-[1,1'-biphenyl]-4,4'-dicarboxylic acid

CAS No :1261929-07-0

Grade :>97%

Formula :C<sub>14</sub>H<sub>8</sub>F<sub>2</sub>O<sub>4</sub>

M.W. :278.21 g/mole



### LT-MOF0147 |

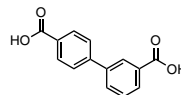
3,4'-Bibenzoic acid

CAS No :92152-01-7

Grade :>95%

Formula :C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :242.23 g/mole



### LT-MOF0148 | BPDC-NH2

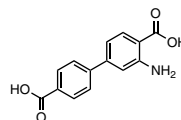
3-Amino[1,1'-biphenyl]-4,4'-dicarboxylic acid

CAS No :1369287-06-8

Grade :>97%

Formula :C<sub>14</sub>H<sub>11</sub>NO<sub>4</sub>

M.W. :257.24 g/mole



### LT-MOF0149 | H2bpdc-(NH2)2

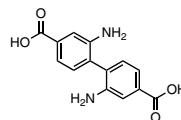
2,2'-diamino-[1,1'-Biphenyl]-4,4'-dicarboxylic acid

CAS No :41738-56-1

Grade :>95%

Formula :C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :272.26 g/mole



### LT-MOF0150 | NH2-TPDC

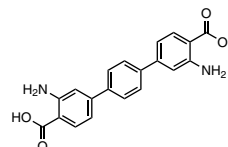
3,3''-diamino-1,1':4,1''-terphenyl-4,4''-dicarboxylate

CAS No :2101636-51-3

Grade :>97%

Formula :C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :348.35 g/mole



## LT-MOF0151 | H2DMBPD

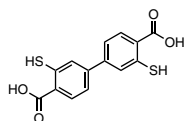
3,3'-dimercaptobiphenyl-4,4'-dicarboxylic acid

CAS No :343228-20-6

Grade :>97%

Formula :C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>S<sub>2</sub>

M.W. :306.36 g/mole



## LT-MOF0152 |

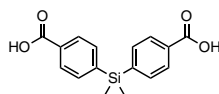
4,4'-(Dimethylsilylene)Bis-Benzoic Acid

CAS No :17003-01-9

Grade :>95%

Formula :C<sub>16</sub>H<sub>16</sub>O<sub>4</sub>Si

M.W. :300.38 g/mole



## LT-MOF0153 | H2SDA

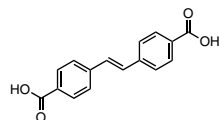
4,4'-Stilbenedicarboxylic Acid

CAS No :74299-91-5

Grade :>95%

Formula :C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>

M.W. :268.26 g/mole



## LT-MOF0154 |

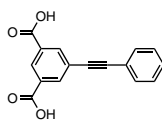
5-(phenylethynyl)isophthalic acid

CAS No :432025-99-5

Grade :>98%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :266.25 g/mole



## LT-MOF0155 | H2CPEB

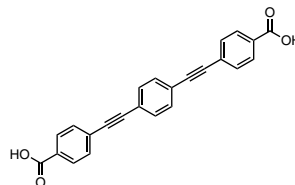
1,4-bis(2-[4-carboxyphenyl]ethynyl)benzene

CAS No :217077-89-9

Grade :>98%

Formula :C<sub>24</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :366.37 g/mole



## LT-MOF0156 | H2DTDC

DTT-2,6-dicarboxylic acid

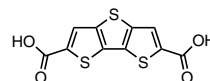
CAS No :502764-53-6

Grade :>96%

Formula :C<sub>10</sub>H<sub>4</sub>O<sub>4</sub>S<sub>3</sub>

M.W. :284.33 g/mole

Melting Point:>300 °C



## LT-MOF0157 | H2BTDB

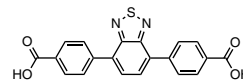
4,4'-(benzothiadiazole-4,7-diyl)dibenzoate

CAS No :1581774-76-6

Grade :>97%

Formula :C<sub>20</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S

M.W. :376.39 g/mole



## LT-MOF0158 | H2adc

9,10-Anthracenedicarboxylic acid

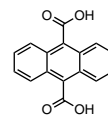
CAS No :73016-08-7

Grade :>98%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :266.25 g/mole

Melting Point:>300 °C



## Metal Organic Frameworks (MOF)

### LT-MOF0159

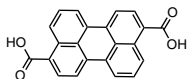
3,9-Perylenedicarboxylic acid

CAS No :6364-19-8

Grade :>95%

Formula :C<sub>22</sub>H<sub>12</sub>O<sub>4</sub>

M.W. :340.33 g/mole



### LT-MOF0160 H2MDCPB

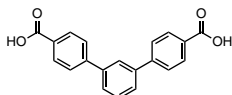
1,3-Di(4-carboxyphenyl)benzene

CAS No :13215-72-0

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :318.32 g/mole



### LT-MOF0161 H2pdda

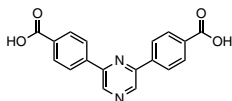
(4,4'-(pyrazine-2,6-diyl) dibenzoic acid

CAS No :623157-25-5

Grade :>95%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :320.30 g/mole



### LT-MOF0162 H2dbtdcO2

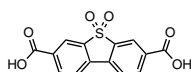
5,5-Dioxodibenzothiophene-3,7-dicarboxylic acid

CAS No :23613-32-3

Grade :>98%

Formula :C<sub>14</sub>H<sub>6</sub>O<sub>6</sub>S

M.W. :304.28 g/mole



### LT-MOF0163

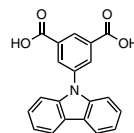
5-carbazol-9-ylbenzene-1,3-dicarboxylic acid

CAS No :1800465-14-8

Grade :>98%

Formula :C<sub>20</sub>H<sub>13</sub>NO<sub>4</sub>

M.W. :331.32 g/mole



### LT-MOF0164 H2bcpt

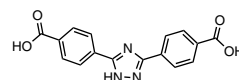
4,4'-(1H-1,2,4-triazole-3,5-diyl)bis-Benzoic acid

CAS No :65697-90-7

Grade :>97%

Formula :C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub>

M.W. :309.28 g/mole



### LT-MOF0165

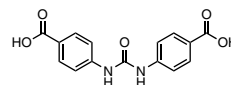
4,4'-(carbonyldiimino)bis-benzoic acid

CAS No :1234-27-1

Grade :>95%

Formula :C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>

M.W. :300.27 g/mole



### LT-MOF0166 H2BPDC-NH2

2-Aminobiphenyl-4,4'-dicarboxylic acid

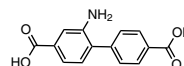
CAS No :1240557-01-0

Grade :>95%

Formula :C<sub>14</sub>H<sub>11</sub>NO<sub>4</sub>

M.W. :257.24 g/mole

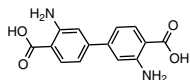
Storage :2~8 °C



## LT-MOF0167 | bpdc-(3,3'-2NH2)

3,3'-diamino-4,4'-dicarboxylic acid-1,1'-Biphenyl

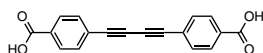
CAS No :1799740-97-8  
 Grade :>97%  
 Formula :C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :272.26 g/mole



## LT-MOF0168 |

4,4'-(1,3-butadiyne-1,4-diyl)bis-Benzoic acid

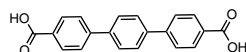
CAS No :116075-75-3  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>10</sub>O<sub>4</sub>  
 M.W. :290.27 g/mole



## LT-MOF0169 | H2TPDC

[p-Terphenyl]-4,4''-dicarboxylic acid

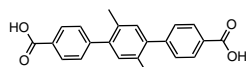
CAS No :13653-84-4  
 Grade :>98%  
 Formula :C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>  
 M.W. :318.32 g/mole



## LT-MOF0170 | TPDC-2CH3

2',5'-dimethylterphenyl-4,4-dicarboxylic acid

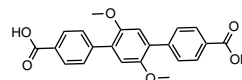
CAS No :115213-33-7  
 Grade :>97%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. :346.38 g/mole  
 Boiling Point :547.6±50.0 °C  
 Density :1.247±0.06 g/cm<sup>3</sup>



## LT-MOF0171 | OMe2-TPDC

2',5'-dimethoxy-[1,1':4',1''-Terphenyl]-4,4''-dicarboxylic acid

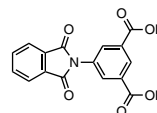
CAS No :1392416-19-1  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>6</sub>  
 M.W. :378.37 g/mole



## LT-MOF0172 | 5-NPIA

5-(1,3-Dioxoisindol-2-yl)benzene-1,3-dicarboxylic acid

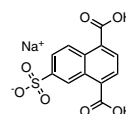
CAS No :47275-11-6  
 Grade :>98%  
 Formula :C<sub>16</sub>H<sub>9</sub>NO<sub>6</sub>  
 M.W. :311.25 g/mole



## LT-MOF0173 |

sodium 5,8-dicarboxynaphthalene-2-sulfonate

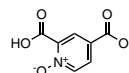
CAS No :76214-10-3  
 Grade :>98%  
 Formula :C<sub>12</sub>H<sub>7</sub>NaO<sub>7</sub>S  
 M.W. :318.23 g/mole



## LT-MOF0174 | H2PDCO

2,4-pyridinedicarboxylic acid N-oxide

CAS No :16830-32-3  
 Grade :>97%  
 Formula :C<sub>7</sub>H<sub>5</sub>NO<sub>5</sub>  
 M.W. :183.12 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0175 | H2-3,5-pydc

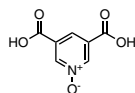
3,5-Dicarboxypyridine 1-oxide

CAS No :39911-72-3

Grade :>97%

Formula :C<sub>7</sub>H<sub>5</sub>NO<sub>5</sub>

M.W. :183.12 g/mole



### LT-MOF0176 | 2,5-H2pdca

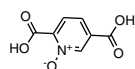
2,5-Dicarboxypyridine 1-oxide

CAS No :32658-54-1

Grade :>97%

Formula :C<sub>7</sub>H<sub>5</sub>NO<sub>5</sub>

M.W. :183.12 g/mole



### LT-MOF0177 | 2,7-NDC

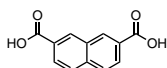
2,7-Naphthalenedicarboxylic acid

CAS No :2089-89-6

Grade :>95%

Formula :C<sub>12</sub>H<sub>8</sub>O<sub>4</sub>

M.W. :216.19 g/mole



### LT-MOF0178 | m-dobdc

4,6-Dihydroxyisophthalic acid

CAS No :19829-74-4

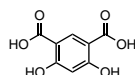
Grade :>98%

Formula :C<sub>8</sub>H<sub>6</sub>O<sub>6</sub>

M.W. :198.13 g/mole

Boiling Point :551.0±35.0 °C at 760 mmHg

Density :1.8±0.1 g/cm<sup>3</sup>



### LT-MOF0179 | DHTA

2,5-Dihydroxyterephthalic acid

CAS No :610-92-4

Grade :>97%

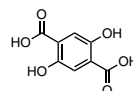
Formula :C<sub>8</sub>H<sub>6</sub>O<sub>6</sub>

M.W. :198.13 g/mole

Boiling Point :498.9±45.0 °C at 760 mmHg

Melting Point:>300 °C

Density :1.8±0.1 g/cm<sup>3</sup>



### LT-MOF0180 | BDC-Cl2

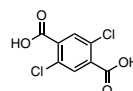
2,5-Dichloroterephthalic acid

CAS No :13799-90-1

Grade :>98%

Formula :C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>4</sub>

M.W. :235.02 g/mole



### LT-MOF0181 |

Tetrafluoroterephthalic acid

CAS No :652-36-8

Grade :>98%

Formula :C<sub>8</sub>H<sub>2</sub>F<sub>4</sub>O<sub>4</sub>

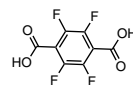
M.W. :238.09 g/mole

Boiling Point :337.9 °C at 760 mmHg

Melting Point:275~277 °C (dec.) (lit.)

Density :1.812 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-MOF0182 | H2PYZ

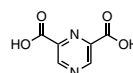
2,6-Pyrazinedicarboxylic acid

CAS No :940-07-8

Grade :>97%

Formula :C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :168.11 g/mole



## LT-MOF0183 | H2DCP

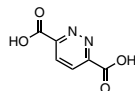
3,6-Pyridazinedicarboxylic Acid

CAS No :57266-70-3

Grade :>97%

Formula :C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :168.11 g/mole



## LT-MOF0184 | H2VTA

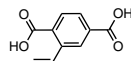
2-ethenyl-1,4-Benzenedicarboxylic acid

CAS No :216431-29-7

Grade :>97%

Formula :C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>

M.W. :192.17 g/mole



## LT-MOF0185 |

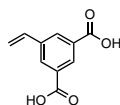
5-Vinylisophthalic acid

CAS No :1041374-16-6

Grade :>97%

Formula :C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>

M.W. :192.17 g/mole



## LT-MOF0186 |

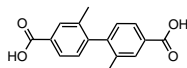
2,2'-dimethyl-4,4'-biphenyldicarboxylic acid

CAS No :117490-52-5

Grade :>95%

Formula :C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :270.28 g/mole



## LT-MOF0187 |

2,5-Dibromoterephthalic acid

CAS No :13731-82-3

Grade :>98%

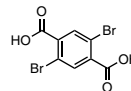
Formula :C<sub>8</sub>H<sub>4</sub>Br<sub>2</sub>O<sub>4</sub>

M.W. :323.92 g/mole

Boiling Point :445 °C at 760 mmHg

Melting Point:315~318 °C

Density :2.205 g/cm<sup>3</sup>



## LT-MOF0188 |

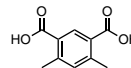
4,6-dimethylisophthalic acid

CAS No :2790/9/2

Grade :>95%

Formula :C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :194.18 g/mole



## LT-MOF0189 |

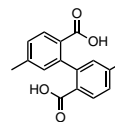
2-(2-carboxy-5-methylphenyl)-4-methylbenzoic Acid

CAS No :93012-36-3

Grade :>97%

Formula :C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

M.W. :270.28 g/mole



## LT-MOF0190 | BDC-Ome

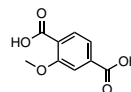
2-Methoxyterephthalic acid

CAS No :5156-00-3

Grade :>97%

Formula :C<sub>9</sub>H<sub>8</sub>O<sub>5</sub>

M.W. :196.16 g/mole

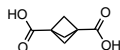


## Metal Organic Frameworks (MOF)

### LT-MOF0191

Bicyclo[1.1.1]Pentane-1,3-Dicarboxylic Acid

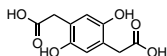
CAS No :56842-95-6  
 Grade :>98%  
 Formula :C<sub>7</sub>H<sub>8</sub>O<sub>4</sub>  
 M.W. :156.14 g/mole



### LT-MOF0192 H2DHBDA

2,5-Dihydroxy-1,4-Benzenediacetic Acid

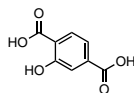
CAS No :5488-16-4  
 Grade :>96%  
 Formula :C<sub>10</sub>H<sub>10</sub>O<sub>6</sub>  
 M.W. :226.18 g/mole  
 Melting Point:281~283 °C (dec.) (lit.)



### LT-MOF0193 H2BDC-OH

Hydroxyterephthalic acid

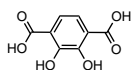
CAS No :636-94-2  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>5</sub>  
 M.W. :182.13 g/mole  
 Boiling Point :436.9±40.0 °C at 760 mmHg  
 Melting Point:312~317 °C  
 Density :1.6±0.1 g/cm<sup>3</sup>



### LT-MOF0194 H2catbdc

2,3-dihydroxyterephthalic acid

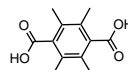
CAS No :19829-72-2  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>6</sub>  
 M.W. :198.13 g/mole



### LT-MOF0195 H2TBDC

Tetramethylterephthalic acid

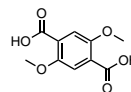
CAS No :14458-05-0  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>  
 M.W. :222.24 g/mole  
 Boiling Point :402.6 °C at 760 mmHg  
 Density :1.237 g/cm<sup>3</sup>



### LT-MOF0196 H2dmt

2,5-Dimethoxyterephthalic acid

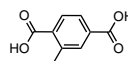
CAS No :21004-11-5  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>10</sub>O<sub>6</sub>  
 M.W. :226.18 g/mole



### LT-MOF0197 BDC-Me

Methylterephthalic acid

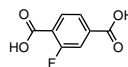
CAS No :5156/1/4  
 Grade :>98%  
 Formula :C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>  
 M.W. :180.16 g/mole  
 Boiling Point :388.2 °C at 760 mmHg  
 Density :1.377 g/cm<sup>3</sup>



### LT-MOF0198 BDC-F

2-Fluoroterephthalic acid

CAS No :3906-87-4  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>5</sub>FO<sub>4</sub>  
 M.W. :184.12 g/mole

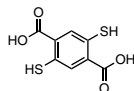




## LT-MOF0199 | H2DMBD

2,5-dimercaptoterephthalic acid

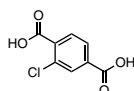
CAS No :25906-66-5  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :230.26 g/mole  
 Boiling Point :468.7 °C at 760 mmHg  
 Density :1.648 g/cm<sup>3</sup>



## LT-MOF0200 | BDC-Cl

Chloroterephthalic acid

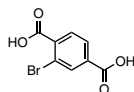
CAS No :1967-31-3  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>5</sub>ClO<sub>4</sub>  
 M.W. :200.57 g/mole



## LT-MOF0201

2-bromoterephthalic acid

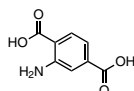
CAS No :586-35-6  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>5</sub>BrO<sub>4</sub>  
 M.W. :245.03 g/mole  
 Melting Point:295~297 °C (lit.)



## LT-MOF0202 | H2ABDC

2,5-Dicarboxyaniline

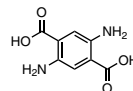
CAS No :10312-55-7  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>7</sub>NO<sub>4</sub>  
 M.W. :181.15 g/mole  
 Boiling Point :450.7±40.0 °C at 760 mmHg  
 Melting Point:324 °C (dec.) (lit.)  
 Density :1.6±0.1 g/cm<sup>3</sup>



## LT-MOF0203 | DATPA

2,5-Diaminoterephthalic acid

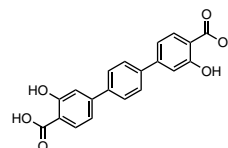
CAS No :945-30-2  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :196.16 g/mole  
 Melting Point:>300 °C



## LT-MOF0204 | DHTPDCA

3,3''-dihydroxy-[1,1':4',1''-terphenyl]-4,4''-dicarboxylic acid

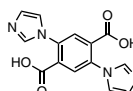
CAS No :2243651-18-3  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>14</sub>O<sub>6</sub>  
 M.W. :350.32 g/mole



## LT-MOF0205 | H2BTA

2,5-di(1H-imidazol-1-yl)terephthalic acid

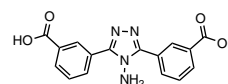
CAS No :1942879-46-0  
 Grade :>97%  
 Formula :C<sub>14</sub>H<sub>10</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :298.25 g/mole



## LT-MOF0206

4-amino-3,5-bis(3-carboxyphenyl)-4H-1,2,4-triazole

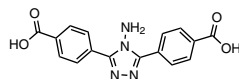
CAS No :923057-85-6  
 Grade :>95%  
 Formula :C<sub>16</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :324.29 g/mole



## Metal Organic Frameworks (MOF)

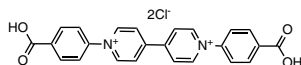
### LT-MOF0207 | H2atdbc

4,4'-(4-amino-4H-1,2,4-triazole-3,5-diyl)dibenzoic acid  
 CAS No :1815596-32-7  
 Grade :>98%  
 Formula :C<sub>16</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :324.29 g/mole



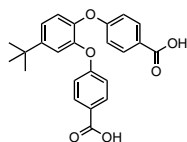
### LT-MOF0208

1,1'-bis(4-carboxyphenyl)-(4,4'-bipyridinium) dichloride  
 CAS No :60095-59-2  
 Grade :>95%  
 Formula :C<sub>24</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>Cl<sub>2</sub>  
 M.W. :469.32 g/mole



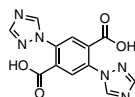
### LT-MOF0209

4-[4-Tert-butyl-2-(4-carboxyphenoxy)phenoxy]benzoic acid  
 CAS No :187088-67-1  
 Grade :>98%  
 Formula :C<sub>24</sub>H<sub>22</sub>O<sub>6</sub>  
 M.W. :406.43 g/mole



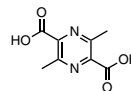
### LT-MOF0210 | H2BTTA

1,4-bis(triazol-1-yl)terephthalic acid  
 CAS No :2163052-04-6  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>8</sub>N<sub>6</sub>O<sub>4</sub>  
 M.W. :300.23 g/mole



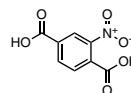
### LT-MOF0211

3,6-dimethyl-2,5-Pyrazinedicarboxylic acid  
 CAS No :43015-44-7  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :196.16 g/mole



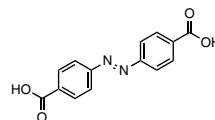
### LT-MOF0212

2-Nitro-p-phthalic acid  
 CAS No :610-29-7  
 Grade :>99%  
 Formula :C<sub>8</sub>H<sub>5</sub>NO<sub>6</sub>  
 M.W. :211.13 g/mole  
 Boiling Point :454.8 °C at 760 mmHg  
 Melting Point:270~272 °C (lit.)  
 Density :1.671 g/cm<sup>3</sup>



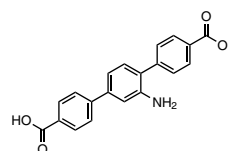
### LT-MOF0213 | H2ADB

4,4'-Azodibenzoic acid  
 CAS No :586-91-4  
 Grade :>98%  
 Formula :C<sub>14</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :270.24 g/mole  
 Boiling Point :541.2 °C at 760 mmHg  
 Density :1.35 g/cm<sup>3</sup>



### LT-MOF0214 | H2TPDC-NH2

2'-amino-1,1':4,1''-terphenyl-4,4''-dicarboxylic acid  
 CAS No :1312703-28-8  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>15</sub>NO<sub>4</sub>  
 M.W. :333.34 g/mole



## LT-MOF0215 | 1,4-DMBDS

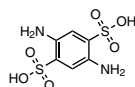
2,5-Diaminobenzene-1,4-Disulfonic Acid

CAS No :7139-89-1

Grade :>97%

Formula :C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>

M.W. :268.27 g/mole



## LT-MOF0216 | DHBP

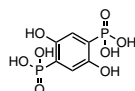
2,5-Dihydroxy-1,4-benzenediphosphonic acid

CAS No :91633-16-8

Grade :>98%

Formula :C<sub>6</sub>H<sub>8</sub>O<sub>8</sub>P<sub>2</sub>

M.W. :270.07 g/mole



## LT-MOF0217 | H2FDCA

9-Fluorenone-2,7-Dicarboxylic Acid

CAS No :792-26-7

Grade :>97%

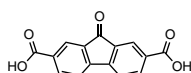
Formula :C<sub>15</sub>H<sub>8</sub>O<sub>5</sub>

M.W. :268.22 g/mole

Boiling Point :621.3 °C at 760 mmHg

Melting Point:407 °C

Density :1.578 g/cm<sup>3</sup>



## LT-MOF0218 | 4,4'-CDDB

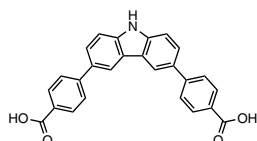
4,4'-(9H-carbazole-3,6-diyl)dibenzoic acid

CAS No :1258419-79-2

Grade :>95%

Formula :C<sub>26</sub>H<sub>17</sub>NO<sub>4</sub>

M.W. :407.42 g/mole



## LT-MOF0219 | pip

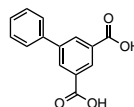
5-Phenylisophthalate

CAS No :4445-59-4

Grade :>95%

Formula :C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :242.23 g/mole



## LT-MOF0220 |

4'-hydroxy-[1,1'-biphenyl]-3,5-dicarboxylic acid

CAS No :1261889-89-7

Grade :>97%

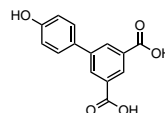
Formula :C<sub>14</sub>H<sub>10</sub>O<sub>5</sub>

M.W. :258.23 g/mole

Boiling Point :569.7±50.0 °C

Density :1.449±0.06 g/cm<sup>3</sup>

Storage :2~8 °C



## LT-MOF0221 | dobpdc

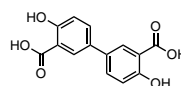
4,4'-dioxido-3,3'-biphenyldicarboxylate

CAS No :13987-45-6

Grade :>97%

Formula :C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>

M.W. :274.22 g/mole



## LT-MOF0222 | H2dcba

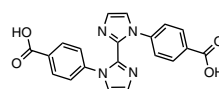
4,4'-(1H,1'H-[2,2'-biimidazole]-1,1'-diyl)dibenzoic acid

CAS No :2413962-77-1

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :374.35 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0223 | H2QPBC

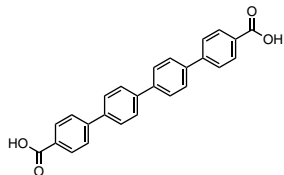
[1,1',4',1''',4''''-quaterphenyl]-4,4''''-dicarboxylic acid

CAS No :143613-17-6

Grade :>95%

Formula :C<sub>26</sub>H<sub>18</sub>O<sub>4</sub>

M.W. :394.42 g/mole



### LT-MOF0224 |

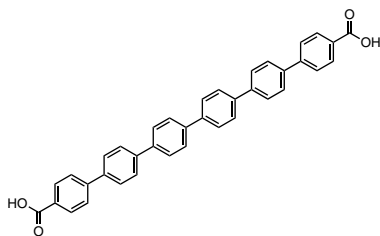
Hexaphthalic acid

CAS No :1246015-46-2

Grade :>95%

Formula :C<sub>38</sub>H<sub>26</sub>O<sub>4</sub>

M.W. :546.61 g/mole



### LT-MOF0225 | Benzoic-NTCDI

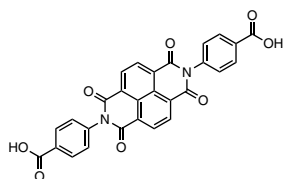
4,4'-(1,3,6,8-Tetraoxobenzo[Lmn][3,8]Phenanthroline-2,7(1H,3H,6H,8H)-Diy)Dibenzoic Acid

CAS No :49546-06-7

Grade :>95%

Formula :C<sub>28</sub>H<sub>14</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :506.42 g/mole



### LT-MOF0226 | H4BIPA-TC

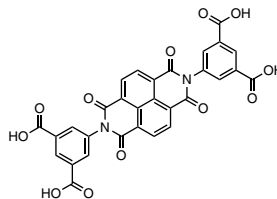
5,5'-(1,3,6,8-tetraoxo-1,3,6,8-tetrahydrobenzo[lmn][3,8]phenanthroline-2,7-diy)dibenzene-1,3-dicarboxylic acid

CAS No :350024-36-1

Grade :>95%

Formula :C<sub>30</sub>H<sub>14</sub>N<sub>2</sub>O<sub>12</sub>

M.W. :594.44 g/mole



### LT-MOF0227 |

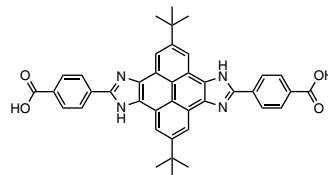
4,4'-(2,8-Di-tert-butyl-4,10-dihydropyreno[4,5-d:9,10-d']diimidazole-5,11-diy)dibenzoic acid

CAS No :1184934-21-1

Grade :>95%

Formula :C<sub>40</sub>H<sub>34</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :634.72 g/mole



### LT-MOF0228 | H2AlaNDI

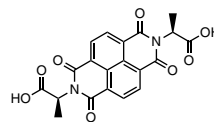
N,N'-Bis[(S)-1-carboxyethyl]naphthalene-1,8:4,5-bisdicarbimide

CAS No :429692-85-3

Grade :>96%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>2</sub>O<sub>8</sub>

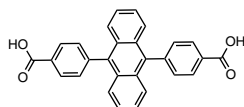
M.W. :410.33 g/mole



## LT-MOF0229 | H2ADBA

9,10-Di(p-carboxyphenyl)anthracene

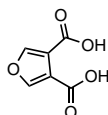
CAS No :42824-53-3  
Grade :>95%  
Formula :C<sub>28</sub>H<sub>18</sub>O<sub>4</sub>  
M.W. :418.44 g/mole



## LT-MOF0230 | H2FDC

3,4-Furandicarboxylic acid

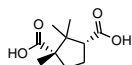
CAS No :3387-26-6  
Grade :>99%  
Formula :C<sub>6</sub>H<sub>4</sub>O<sub>5</sub>  
M.W. :156.09 g/mole  
Storage :2~8 °C



## LT-MOF0231 | H2cam

(1S,3R)-(-)-Camphoric acid

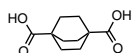
CAS No :560-09-8  
Grade :>97%  
Formula :C<sub>10</sub>H<sub>16</sub>O<sub>4</sub>  
M.W. :200.23 g/mole  
Melting Point:188~190 °C (lit.)



## LT-MOF0232

Bicyclo[2.2.2]Octane-1,4-Dicarboxylic Acid

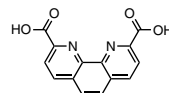
CAS No :711-02-4  
Grade :>97%  
Formula :C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>  
M.W. :198.22 g/mole



## LT-MOF0233 | H2PDA

1,10-Phenanthroline-2,9-Dicarboxylic Acid

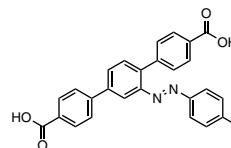
CAS No :57709-61-2  
Grade :>97%  
Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
M.W. :268.22 g/mole



## LT-MOF0234

4-[4-(4-Carboxyphenyl)-3-[(4-methylphenyl)diazenyl]phenyl]benzoic acid

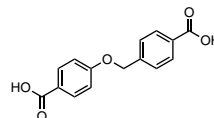
CAS No :1912470-86-0  
Grade :>95%  
Formula :C<sub>27</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>  
M.W. :436.46 g/mole



## LT-MOF0235 | H4CBOB

4-(4-carboxyphenoxy)methyl)benzoic acid

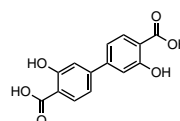
CAS No :345221-90-1  
Grade :>97%  
Formula :C<sub>15</sub>H<sub>12</sub>O<sub>5</sub>  
M.W. :272.25 g/mole



## LT-MOF0236 | BPDC-(OH)2

4,4'-Bisalicylic acid

CAS No :861533-46-2  
Grade :>97%  
Formula :C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>  
M.W. :274.22 g/mole  
Boiling Point :564.4±50.0 °C  
Melting Point:318 °C (decomp)  
Density :1.552±0.06 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

### LT-MOF0237

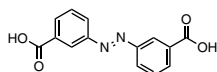
3,3'-Azodibenzoic acid

CAS No :621-18-1

Grade :>95%

Formula :C<sub>14</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :270.24 g/mole



### LT-MOF0238

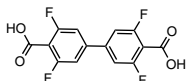
3,3',5,5'-Tetrafluorobiphenyl-4,4'-dicarboxylic acid

CAS No :31381-91-6

Grade :>97%

Formula :C<sub>14</sub>H<sub>6</sub>F<sub>4</sub>O<sub>4</sub>

M.W. :314.19 g/mole



### LT-MOF0239

H2MDCPB

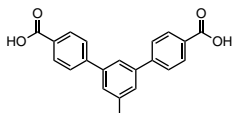
5'-Methyl-[1,1':3'',1''-terphenyl]-4,4''-dicarboxylic acid

CAS No :1582811-97-9

Grade :>98%

Formula :C<sub>21</sub>H<sub>16</sub>O<sub>4</sub>

M.W. :332.35 g/mole



### LT-MOF0240

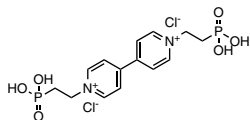
1,1'-Bis(2-phosphonoethyl)-[4,4'-bipyridine]-1,1'-dium chloride

CAS No :151538-79-3

Grade :>97%

Formula :C<sub>14</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>6</sub>P<sub>2</sub>

M.W. :445.17 g/mole



### LT-MOF0241

H2pbda

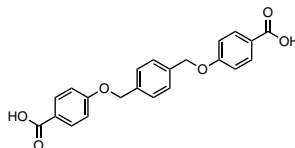
4,4'-[1,4-phenylenebis(methyleneoxy)]bis-Benzoic acid

CAS No :47593-50-0

Grade :>97%

Formula :C<sub>22</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :378.37 g/mole



### LT-MOF0242

BDC-Me2

2,5-Dimethylterephthalic acid

CAS No :6051-66-7

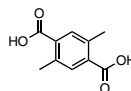
Grade :>98%

Formula :C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :194.18 g/mole

Boiling Point :386.8±30.0 °C at 760 mmHg

Density :1.3±0.1 g/cm<sup>3</sup>



### LT-MOF0243

H4dotpdc

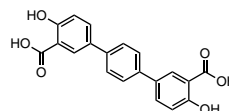
4,4''-dihydroxy-[1,1':4',1''-Terphenyl]-3,3''-dicarboxylic acid

CAS No :1623061-09-5

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>O<sub>6</sub>

M.W. :350.32 g/mole



### LT-MOF0244

ADBEB

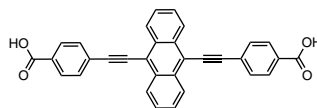
4,4'-(9,10-anthracenediyl)di-2,1-ethynediyl)bis-Benzoic acid

CAS No :1562777-29-0

Grade :>95%

Formula :C<sub>32</sub>H<sub>18</sub>O<sub>4</sub>

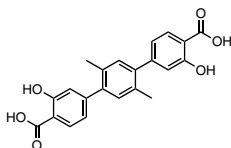
M.W. :466.48 g/mole



## LT-MOF0245 | H4-TPP

3,3''-dihydroxy-4''-(methoxycarbonyl)-2',5'-dimethyl-[1,1':4',1''-terphenyl]-4-carboxylic acid

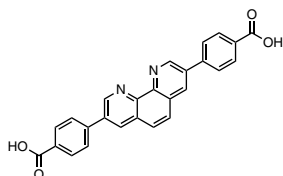
CAS No :1382735-24-1  
 Grade :>97%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>6</sub>  
 M.W. :378.37 g/mole



## LT-MOF0246 | H2PT

4,4''-(1,10-phenanthroline-3,8-diyl)bis-Benzoic acid

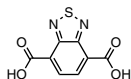
CAS No :1659300-75-0  
 Grade :>95%  
 Formula :C<sub>26</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :420.42 g/mole



## LT-MOF0247 | H2BTDC

2,1,3-Benzothiadiazole-4,7-dicarboxylic acid

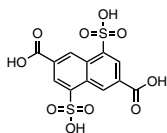
CAS No :5170-41-2  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>4</sub>N<sub>2</sub>O<sub>4</sub>S  
 M.W. :224.19 g/mole



## LT-MOF0248 | DSND4

4,8-disulfo-2,6-naphthalenedicarboxylic acid

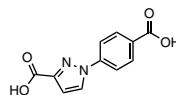
CAS No :742641-46-9  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>8</sub>O<sub>10</sub>S<sub>2</sub>  
 M.W. :376.32 g/mole



## LT-MOF0249 |

1-(4-carboxyphenyl)-1H-Pyrazole-3-carboxylic acid

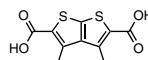
CAS No :72899-92-4  
 Grade :>95%  
 Formula :C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :232.19 g/mole



## LT-MOF0250 | H2DMTDC

3,4-Dimethylthieno(2,3-b)thiophene-2,5-dicarboxylic acid

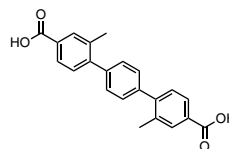
CAS No :175202-55-8  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :256.30 g/mole  
 Boiling Point :538.0±45.0 °C at 760 mmHg  
 Melting Point:>360 °C  
 Density :1.6 g/cm<sup>3</sup>



## LT-MOF0251 | H2Me2BPDC

2,2''-dimethyl-[1,1':4',1''-Terphenyl]-4,4''-dicarboxylic acid

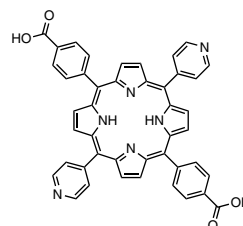
CAS No :1807547-39-2  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. :346.38 g/mole



## LT-MOF0252 | DCDPP

4,4''-(10,20-di-4-pyridinyl-21H,23H-porphine-5,15-diyl)bis-Benzoic acid

CAS No :1628065-30-4  
 Grade :>95%  
 Formula :C<sub>44</sub>H<sub>28</sub>N<sub>6</sub>O<sub>4</sub>  
 M.W. :704.73 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0253 | H4pbpta

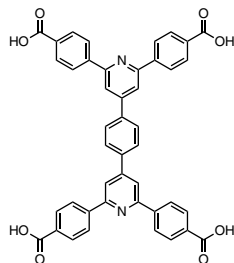
4,4',4'',4'''-(1,4-phenylenbis(pyridine-4,2,6-triyl))-tetrabenzoic acid

CAS No :1836122-41-8

Grade :> 95%

Formula :C<sub>44</sub>H<sub>28</sub>N<sub>2</sub>O<sub>8</sub>

M.W. :712.70 g/mole



### LT-MOF0254

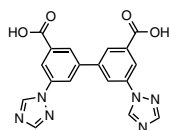
5,5'-di(1H-1,2,4-triazol-1-yl)-[1,1'-biphenyl]-3,3'-dicarboxylic acid

CAS No :2097938-53-7

Grade :> 97%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub>

M.W. :376.33 g/mole



### LT-MOF0255

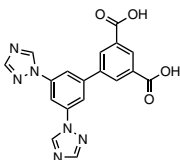
3',5'-di(1H-1,2,4-triazol-1-yl)-[1,1'-biphenyl]-3,5-dicarboxylic acid

CAS No :2607030-72-6

Grade :> 98%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>6</sub>O<sub>4</sub>

M.W. :376.33 g/mole



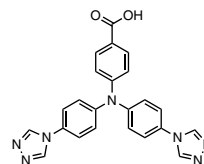
### LT-MOF0256

4-(bis(4-(4H-1,2,4-triazol-4-yl)phenyl)amino)benzoic acid

Grade :>97%

Formula :C<sub>23</sub>H<sub>17</sub>N<sub>7</sub>O<sub>2</sub>

M.W. :423.43 g/mole



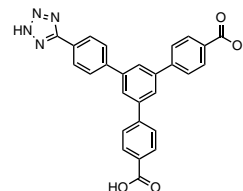
### LT-MOF0257

5'-(4-(2H-tetrazol-5-yl)phenyl)-[1,1':3,1''-terphenyl]-4,4''-dicarboxylic acid

Grade :>97%

Formula :C<sub>27</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :462.46 g/mole



### LT-MOF0258

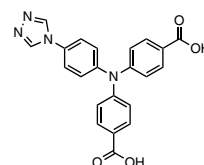
4,4'-((4-(4H-1,2,4-triazol-4-yl)phenyl)azanediyl)dibenzoic acid

CAS No :2376054-07-6

Grade :>97%

Formula :C<sub>22</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :400.39 g/mole



### LT-MOF0259

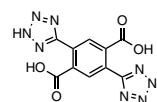
2,5-di(2H-tetrazol-5-yl)terephthalic acid

CAS No :2417761-51-2

Grade :>97%

Formula :C<sub>10</sub>H<sub>6</sub>N<sub>8</sub>O<sub>4</sub>

M.W. :302.21 g/mole

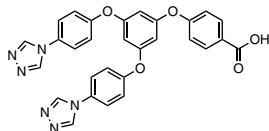




## LT-MOF0260

4-(3,5-bis(4-(4H-1,2,4-triazol-4-yl)phenoxy)phenoxy)benzoic acid

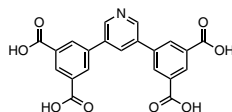
Grade : >98%  
Formula :  $C_{29}H_{20}N_6O_5$   
M.W. : 532.51 g/mole



## LT-MOF0261 H4PDDA

5,5'-(pyridine-3,5-diyl)diisophthalic acid

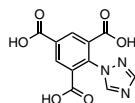
CAS No : 1433029-60-7  
Grade : >95%  
Formula :  $C_{21}H_{13}NO_8$   
M.W. : 407.33 g/mole



## LT-MOF0262 H3tztbt

2-(1H-1,2,4-triazol-1-yl)benzene-1,3,5-tricarboxylic acid

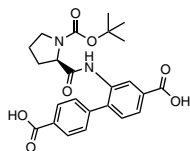
CAS No : 2111824-48-5  
Grade : >97%  
Formula :  $C_{11}H_7N_3O_6$   
M.W. : 277.19 g/mole



## LT-MOF0263 H2tpdc-NHProBoc

2-[[[(2s)-1-[(1,1-dimethylethoxy)carbonyl]-2-pyrrolidinyl] carbonyl]amino][1,1'-biphenyl]-4,4'-dicarboxylic acid

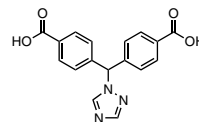
CAS No : 1283676-82-3  
Grade : >98%  
Formula :  $C_{24}H_{26}N_2O_7$   
M.W. : 454.47 g/mole



## LT-MOF0264 H2TZMB

4,4'-(1h-1,2,4-triazol-1-ylmethylene)bis-benzoic acid

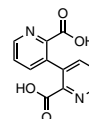
CAS No : 1644566-39-1  
Grade : >98%  
Formula :  $C_{17}H_{13}N_3O_4$   
M.W. : 323.30 g/mole



## LT-MOF0265 3,3'-bpdc

N-(2-Methyl-1-Phenylpropyl)Aniline

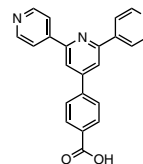
CAS No : 3723-32-8  
Grade : >97%  
Formula :  $C_{12}H_8N_2O_4$   
M.W. : 244.20 g/mole



## LT-MOF0266 HPB

4-[4,2':6',4''-terpyridin]-4'-yl-Benzoic acid

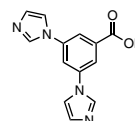
CAS No : 1370206-12-4  
Grade : >97%  
Formula :  $C_{22}H_{15}N_3O_2$   
M.W. : 353.37 g/mole



## LT-MOF0267 1,3-Hbib

3,5-di(1H-imidazol-1-yl)benzoic acid

CAS No : 1199574-21-4  
Grade : >95%  
Formula :  $C_{13}H_{10}N_4O_2$   
M.W. : 254.24 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0268 | bppCOOH

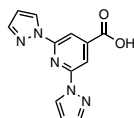
2,6-Bis(1H-pyrazol-1-yl)isonicotinic acid

CAS No :600727-96-6

Grade :>98%

Formula :C<sub>12</sub>H<sub>9</sub>N<sub>5</sub>O<sub>2</sub>

M.W. :255.23 g/mole



### LT-MOF0269 | TAPNB

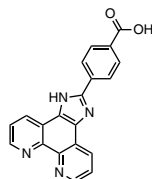
4-(1H-imidazo[4,5-f][1,10]phenanthrolin-2-yl)-benzoic acid

CAS No :865169-07-9

Grade :>98%

Formula :C<sub>20</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :340.33 g/mole



### LT-MOF0270

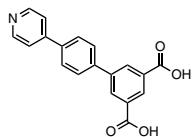
5-[4'-(pyridin-4-yl)phenyl]isophthalic acid

CAS No :2022152-71-0

Grade :>97%

Formula :C<sub>19</sub>H<sub>13</sub>NO<sub>4</sub>

M.W. :319.31 g/mole



### LT-MOF0271 | PDDB

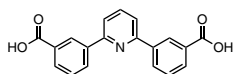
2,6-Di(3-carboxyphenyl)pyridine

CAS No :1258419-69-0

Grade :>97%

Formula :C<sub>19</sub>H<sub>13</sub>NO<sub>4</sub>

M.W. :319.31 g/mole



### LT-MOF0272 | H2pddb

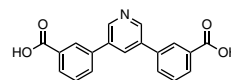
3,5-Di(3-carboxyphenyl)pyridine

CAS No :1429436-06-5

Grade :>95%

Formula :C<sub>19</sub>H<sub>13</sub>NO<sub>4</sub>

M.W. :319.31 g/mole



### LT-MOF0273 | HPBCA

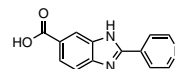
2-(Pyridin-4-yl)-1H-benzo[d]imidazole-6-carboxylic acid

CAS No :316833-32-6

Grade :>98%

Formula :C<sub>13</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :239.23 g/mole



### LT-MOF0274 | H3paip

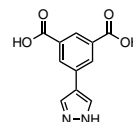
5-(1H-pyrazol-4-yl)isophthalic acid

CAS No :1108726-74-4

Grade :>97%

Formula :C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :232.19 g/mole



### LT-MOF0275 | H2dcpy

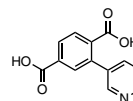
2-(3-Pyridinyl)-1,4-benzenedicarboxylic acid

CAS No :1238617-38-3

Grade :>95%

Formula :C<sub>13</sub>H<sub>9</sub>NO<sub>4</sub>

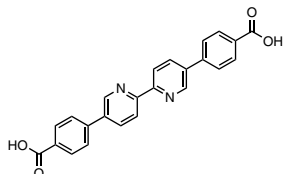
M.W. :243.21 g/mole



## LT-MOF0276 | H2BPP

4,4'-(2,2'-bipyridine)-5,5'-diylbis-Benzoic acid

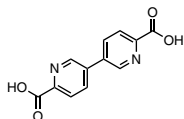
CAS No :1373759-05-7  
 Grade :>98%  
 Formula :C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :396.39 g/mole  
 Boiling Point :705.8±60.0 °C  
 Density :1.335±0.06 g/cm<sup>3</sup>



## LT-MOF0277

[3,3'-Bipyridine]-6,6'-dicarboxylic acid

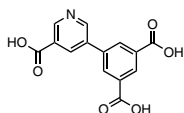
CAS No :861406-83-9  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :244.20 g/mole



## LT-MOF0278 | DCPN

5-(5-carboxypyridin-3-yl)isophthalic acid

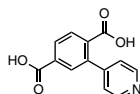
CAS No :1261960-45-5  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>9</sub>NO<sub>6</sub>  
 M.W. :287.22 g/mole



## LT-MOF0279 | H2pta

6-(4-pyridyl)terephthalic acid

CAS No :1238617-40-7  
 Grade :>95%  
 Formula :C<sub>13</sub>H<sub>9</sub>NO<sub>4</sub>  
 M.W. :243.21 g/mole



## LT-MOF0280

2-(1H-Imidazol-1-yl)benzoic acid

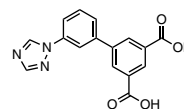
CAS No :159589-67-0  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :188.18 g/mole  
 Boiling Point :408.7±28.0 °C at 760 mmHg  
 Melting Point:198 °C  
 Density :1.3±0.1 g/cm<sup>3</sup>



## LT-MOF0281

3'-(1H-1,2,4-triazol-1-yl)-[1,1'-biphenyl]-3,5-dicarboxylic acid

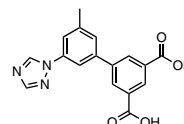
Grade :>97%  
 Formula :C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub>  
 M.W. :309.28 g/mole



## LT-MOF0282

3'-methyl-5'-(1H-1,2,4-triazol-1-yl)-[1,1'-biphenyl]-3,5-dicarboxylic acid

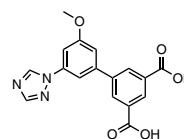
Grade :>97%  
 Formula :C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>  
 M.W. :323.30 g/mole



## LT-MOF0283

3'-methoxy-5'-(1H-1,2,4-triazol-1-yl)-[1,1'-biphenyl]-3,5-dicarboxylic acid

Grade :>97%  
 Formula :C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>  
 M.W. :339.30 g/mole

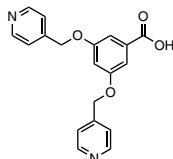


## Metal Organic Frameworks (MOF)

### LT-MOF0284

3,5-Bis(4-pyridylmethoxy)benzoic acid

CAS No :1151548-69-4  
Grade :>98%  
Formula :C<sub>19</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
M.W. :336.34 g/mole

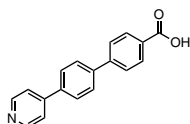


### LT-MOF0285

pbba

4'-(pyridin-4-yl)-[1,1'-biphenyl]-4-carboxylic acid

CAS No :1393711-96-0  
Grade :>98%  
Formula :C<sub>18</sub>H<sub>13</sub>NO<sub>2</sub>  
M.W. :275.30 g/mole

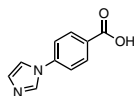


### LT-MOF0286

HIBA

4-(1H-Imidazol-1-yl)Benzoic Acid

CAS No :17616-04-5  
Grade :>98%  
Formula :C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. :188.18 g/mole  
Boiling Point :403.6 °C at 760 mmHg  
Melting Point:305 °C (dec.) (lit.)  
Density :1.28 g/cm<sup>3</sup>

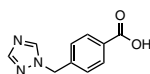


### LT-MOF0287

Htmb

4-(1H-1,2,4-Triazol-1-ylmethyl)Benzoic Acid

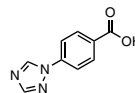
CAS No :160388-54-5  
Grade :>95%  
Formula :C<sub>10</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>  
M.W. :203.20 g/mole



### LT-MOF0288

4-[1,2,4]Triazol-1-yl-benzoic acid

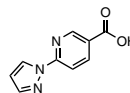
CAS No :162848-16-0  
Grade :>97%  
Formula :C<sub>9</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub>  
M.W. :189.17 g/mole



### LT-MOF0289

6-(1H-Pyrazol-1-yl)nicotinic acid

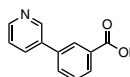
CAS No :253315-22-9  
Grade :>97%  
Formula :C<sub>9</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub>  
M.W. :189.17 g/mole



### LT-MOF0290

3-Pyridin-3-yl-benzoic acid

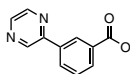
CAS No :4385-77-7  
Grade :>98%  
Formula :C<sub>12</sub>H<sub>9</sub>NO<sub>2</sub>  
M.W. :199.20 g/mole



### LT-MOF0291

3-(Pyrazin-2-yl)benzoic acid

CAS No :856905-13-0  
Grade :>97%  
Formula :C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. :200.19 g/mole



## LT-MOF0292 | imbz

4-(1H-imidazol-1-ylmethyl)benzoic acid

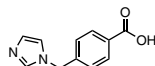
CAS No :94084-75-0

Grade :>98%

Formula :C<sub>11</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :202.21 g/mole

Melting Point:267~268 °C



## LT-MOF0293

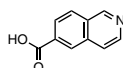
6-Isoquinolinecarboxylic acid

CAS No :106778-43-2

Grade :>97%

Formula :C<sub>10</sub>H<sub>7</sub>NO<sub>2</sub>

M.W. :173.17 g/mole



## LT-MOF0294 | H2ndc

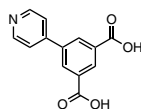
5-(Pyridin-4-yl)isophthalic acid

CAS No :1262962-06-0

Grade :>97%

Formula :C<sub>13</sub>H<sub>9</sub>NO<sub>4</sub>

M.W. :243.21 g/mole



## LT-MOF0295 | H2pyip

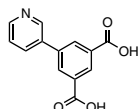
5-(pyridin-3-yl)benzene-1,3-dicarboxylic acid

CAS No :1264068-70-3

Grade :>97%

Formula :C<sub>13</sub>H<sub>9</sub>NO<sub>4</sub>

M.W. :243.21 g/mole



## LT-MOF0296

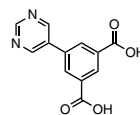
5-(pyrimidin-5-yl)isophthalic acid

CAS No :1417570-15-0

Grade :>95%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :244.20 g/mole



## LT-MOF0297 | H3TZI

5-(2h-tetrazol-5-yl)-1,3-benzenedicarboxylic acid

CAS No :1010116-95-6

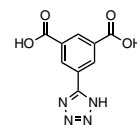
Grade :>97%

Formula :C<sub>9</sub>H<sub>6</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :234.17 g/mole

Boiling Point :649.2±65.0 °C

Density :1.699±0.06 g/cm<sup>3</sup>



## LT-MOF0298 | HPBA

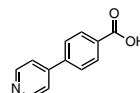
4-Pyrid-4-ylbenzoic acid

CAS No :4385-76-6

Grade :>98%

Formula :C<sub>12</sub>H<sub>9</sub>NO<sub>2</sub>

M.W. :199.20 g/mole



## LT-MOF0299

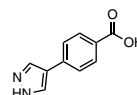
4-(1H-Pyrazol-4-yl)benzoic acid

CAS No :1017794-47-6

Grade :>97%

Formula :C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :188.18 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0300 | H2mpba

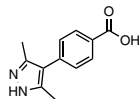
4-(3,5-dimethyl-1H-pyrazol-4-yl)benzoic Acid

CAS No :185252-69-1

Grade :>97%

Formula :C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :216.24 g/mole



### LT-MOF0301 | PEBA

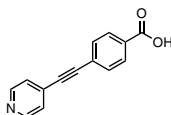
4-(2-Pyridin-4-Ylethynyl)Benzoic Acid

CAS No :212138-35-7

Grade :>95%

Formula :C<sub>14</sub>H<sub>9</sub>NO<sub>2</sub>

M.W. :223.23 g/mole



### LT-MOF0302 | H3PIDC

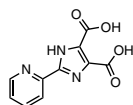
2-(Pyridin-2-yl)-1H-imidazole-4,5-dicarboxylic acid

CAS No :1025042-44-7

Grade :>97%

Formula :C<sub>10</sub>H<sub>7</sub>N<sub>3</sub>O<sub>4</sub>

M.W. :233.18 g/mole



### LT-MOF0303 | H3PyImDC

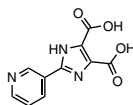
2-(3-pyridinyl)-1H-imidazole-4,5-dicarboxylic acid

CAS No :51294-28-1

Grade :>96%

Formula :C<sub>10</sub>H<sub>7</sub>N<sub>3</sub>O<sub>4</sub>

M.W. :233.18 g/mole



### LT-MOF0304 | Hcpt

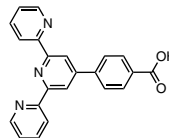
4-[2,2':6',2''-Terpyridin]-4'-ylbenzoic acid

CAS No :158014-74-5

Grade :>95%

Formula :C<sub>22</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :353.37 g/mole



### LT-MOF0305 | Hmctpy

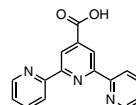
2,2':6',2''-Terpyridine-4'-Carboxylic Acid

CAS No :148332-36-9

Grade :>97%

Formula :C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :277.28 g/mole



### LT-MOF0306 | H2tzba

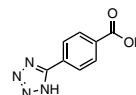
4-(1H-Tetrazol-5-yl)benzoic acid

CAS No :34114-12-0

Grade :>97%

Formula :C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :190.16 g/mole



### LT-MOF0307 | Hcpt

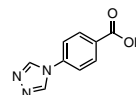
4-(p-Carboxyphenyl)-1,2,4-triazole

CAS No :157069-48-2

Grade :>98%

Formula :C<sub>6</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :189.17 g/mole



## LT-MOF0308

Oxazole-4-carboxylic acid

CAS No :23012-13-7

Grade :>98%

Formula :C<sub>4</sub>H<sub>3</sub>NO<sub>3</sub>

M.W. :113.07 g/mole

Melting Point:138~142 °C

Storage :2~8 °C



## LT-MOF0309 H2bpdC

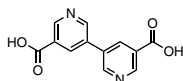
[3,3'-Bipyridine]-5,5'-dicarboxylic acid

CAS No :856796-87-7

Grade :>95%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :244.20 g/mole



## LT-MOF0310

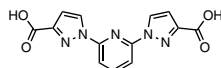
1,1'-Pyridine-2,6-diylbis(1H-pyrazole-3-carboxylic acid)

CAS No :149558-69-0

Grade :>95%

Formula :C<sub>13</sub>H<sub>9</sub>N<sub>5</sub>O<sub>4</sub>

M.W. :299.24 g/mole



## LT-MOF0311 H2bcpb

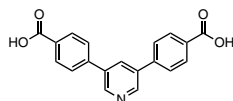
4,4'-(3,5-pyridinediyl)bis-Benzoic acid

CAS No :171820-04-5

Grade :>95%

Formula :C<sub>19</sub>H<sub>13</sub>NO<sub>4</sub>

M.W. :319.31 g/mole



## LT-MOF0312

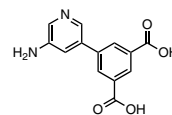
5-(5-aminopyridin-3-yl)isophthalic acid

CAS No :2417554-17-5

Grade :>95%

Formula :C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :258.23 g/mole



## LT-MOF0313

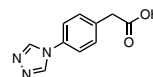
4-(1,2,4-triazol-4-yl)-phenylacetic acid

CAS No :639863-89-1

Grade :>97%

Formula :C<sub>10</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>

M.W. :203.20 g/mole



## LT-MOF0314 H3TTDA

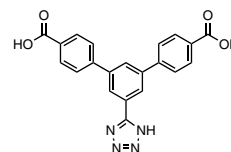
5'-(1H-tetrazol-5-yl)-[1,1':3',1''-terphenyl]-4,4''-dicarboxylic acid

CAS No :1159596-05-0

Grade :>95%

Formula :C<sub>21</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :386.36 g/mole



## LT-MOF0315

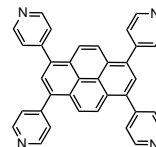
1,3,6,8-tetra(pyridin-4-yl)pyrene

CAS No :1402429-80-4

Grade :>97%

Formula :C<sub>36</sub>H<sub>22</sub>N<sub>4</sub>

M.W. :510.59 g/mole

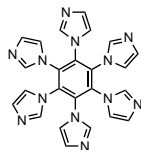


## Metal Organic Frameworks (MOF)

### LT-MOF0316 | HImB

1,1',1'',1''',1''''-(1,2,3,4,5,6-benzenehexyl)hexakis-1H-Imidazole

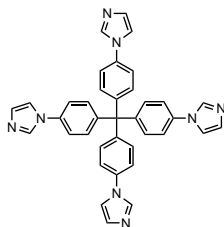
CAS No :148807-16-3  
 Grade :>97%  
 Formula :C<sub>24</sub>H<sub>18</sub>N<sub>12</sub>  
 M.W. :474.48 g/mole



### LT-MOF0317 | TIPM

Tetra(4-imidazole-phenyl)methane

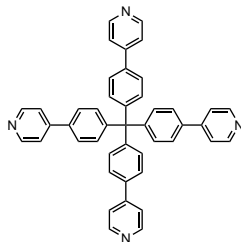
CAS No :1258859-29-8  
 Grade :>95%  
 Formula :C<sub>37</sub>H<sub>28</sub>N<sub>8</sub>  
 M.W. :584.67 g/mole  
 Boiling Point :805.8±65.0 °C at 760 mmHg  
 Density :1.3±0.1 g/cm<sup>3</sup>



### LT-MOF0318 | TPPM

tetra(4-(4-pyridyl)phenyl)methane

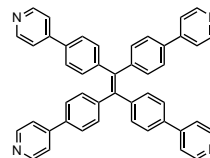
CAS No :1319736-15-6  
 Grade :>95%  
 Formula :C<sub>45</sub>H<sub>32</sub>N<sub>4</sub>  
 M.W. :628.76 g/mole



### LT-MOF0319 | TPPE

Tetra-(4-pyridylphenyl)ethylene

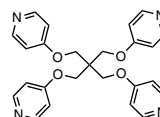
CAS No :1227195-24-5  
 Grade :>97%  
 Formula :C<sub>46</sub>H<sub>32</sub>N<sub>4</sub>  
 M.W. :640.77 g/mole  
 Boiling Point :780.9±60.0 °C at 760 mmHg  
 Density :1.2±0.1 g/cm<sup>3</sup>



### LT-MOF0320 | TPOM

Tetrakis(4-pyridyloxymethane)

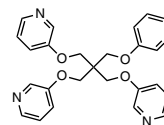
CAS No :163629-49-0  
 Grade :>95%  
 Formula :C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :444.48 g/mole



### LT-MOF0321 | 3-TPOM

3,3'-[[2,2-bis[(3-pyridinyloxy)methyl]-1,3-propanediyl]bis(oxy)]bis-Pyridine

CAS No :260353-00-2  
 Grade :>97%  
 Formula :C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>  
 M.W. :444.48 g/mole





## LT-MOF0322 | TImBP

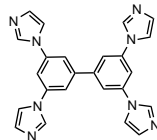
3,3',5,5'-tetra(1H-imidazol-1-yl)-1,1'-biphenyl

CAS No :1373155-12-4

Grade :>95%

Formula :C<sub>24</sub>H<sub>18</sub>N<sub>8</sub>

M.W. :418.45 g/mole



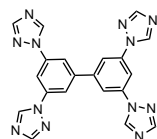
## LT-MOF0323

3,3',5,5'-tetra(1H-1,2,4-triazol-1-yl)-1,1'-biphenyl

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>12</sub>

M.W. :422.41 g/mole



## LT-MOF0324 | TPB

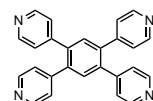
1,2,4,5-Tetra(pyridin-4-yl)benzene

CAS No :170165-81-8

Grade :>97%

Formula :C<sub>26</sub>H<sub>18</sub>N<sub>4</sub>

M.W. :386.45 g/mole



## LT-MOF0325 | H2AlaNDI

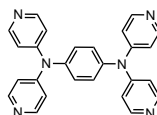
N<sub>1</sub>,N<sub>1</sub>,N<sub>4</sub>,N<sub>4</sub>-tetra(pyridin-4-yl)benzene-1,4-diamine

CAS No :1218812-56-6

Grade :>98%

Formula :C<sub>26</sub>H<sub>20</sub>N<sub>6</sub>

M.W. :416.48 g/mole



## LT-MOF0326

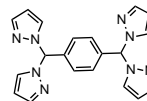
1,4-Bis(di(1H-pyrazol-1-yl)methyl)benzene

CAS No :850016-49-8

Grade :>97%

Formula :C<sub>20</sub>H<sub>18</sub>N<sub>8</sub>

M.W. :370.41 g/mole



## LT-MOF0327 | 4-pyBPY

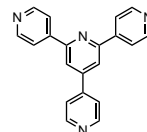
6'-(4-pyridinyl)-4,2':4',4''-Terpyridine

CAS No :113919-79-2

Grade :>98%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>4</sub>

M.W. :310.35 g/mole



## LT-MOF0328

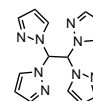
1,1,2,2-tetra(1H-pyrazol-1-yl)ethane

CAS No :1073267-95-4

Grade :>97%

Formula :C<sub>14</sub>H<sub>14</sub>N<sub>8</sub>

M.W. :294.31 g/mole



## LT-MOF0329 | TIMB

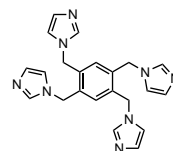
1,2,4,5-Tetrakis((1H-imidazol-1-yl)methyl)benzene

CAS No :475094-90-7

Grade :>97%

Formula :C<sub>22</sub>H<sub>22</sub>N<sub>8</sub>

M.W. :398.46 g/mole

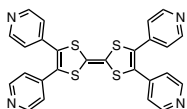


## Metal Organic Frameworks (MOF)

### LT-MOF0330 | TTF(4-Py)4

4,4',5,5'-Tetra(pyridin-4-yl)-2,2'-bi(1,3-dithiolylidene)

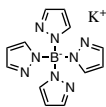
CAS No :1581771-50-7  
 Grade :>95%  
 Formula :C<sub>26</sub>H<sub>16</sub>N<sub>4</sub>S<sub>4</sub>  
 M.W. :512.69 g/mole  
 Boiling Point :686.9±55.0 °C  
 Density :1.479±0.06 g/cm<sup>3</sup>



### LT-MOF0331 | B(pz)4

Tetrakis(1-pyrazolyl)borate, potassium salt

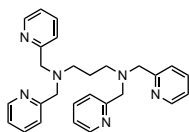
CAS No :14782-58-2  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>12</sub>BKN<sub>8</sub>  
 M.W. :318.19 g/mole



### LT-MOF0332 | tppn

N,N,N',N'-Tetrakis(Pyridin-2-Ylmethyl)Propane-1,3-Diamine

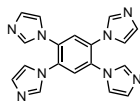
CAS No :80384-94-7  
 Grade :>95%  
 Formula :C<sub>27</sub>H<sub>30</sub>N<sub>6</sub>  
 M.W. :438.57 g/mole



### LT-MOF0333 | TIAB

1,2,4,5-tetra(1H-imidazol-1-yl)benzene

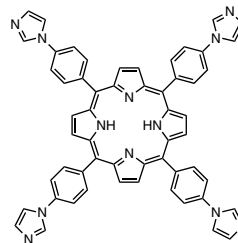
CAS No :1220714-37-3  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>14</sub>N<sub>8</sub>  
 M.W. :342.36 g/mole  
 Boiling Point :680.9±55.0 °C at 760 mmHg  
 Density :1.4±0.1 g/cm<sup>3</sup>



### LT-MOF0334 | H2tipp

5,10,15,20-tetrakis[4-(1H-imidazol-1-yl)phenyl]-21H,23H-Porphine

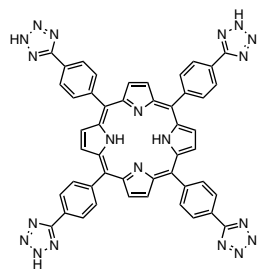
CAS No :1311998-62-5  
 Grade :>95%  
 Formula :C<sub>56</sub>H<sub>38</sub>N<sub>12</sub>  
 M.W. :878.98 g/mole



### LT-MOF0335 | H2TTPP

5,10,15,20-tetrakis(4-(2H-tetrazol-5-yl)phenyl)porphyrin

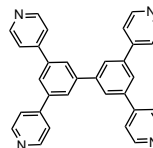
CAS No :186697-34-7  
 Grade :>95%  
 Formula :C<sub>48</sub>H<sub>30</sub>N<sub>20</sub>  
 M.W. :886.89 g/mole



### LT-MOF0336 | TPBP

3,3',5,5'-tetra(pyridin-4-yl)-1,1'-biphenyl

CAS No :2266619-47-8  
 Grade :>95%  
 Formula :C<sub>32</sub>H<sub>22</sub>N<sub>4</sub>  
 M.W. :462.54 g/mole



## LT-MOF0337 | Htzphtpy

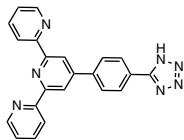
4'-(4-(1H-tetrazol-5-yl)phenyl)-2,2':6',2''-terpyridine

CAS No :1938145-37-9

Grade :>95%

Formula :C<sub>22</sub>H<sub>15</sub>N<sub>7</sub>

M.W. :377.40 g/mole



## LT-MOF0338 | tpt

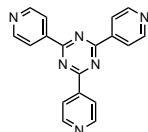
Tri(4-pyridyl)triazine

CAS No :42333-78-8

Grade :>98%

Formula :C<sub>18</sub>H<sub>12</sub>N<sub>6</sub>

M.W. :312.33 g/mole



## LT-MOF0339 | pytpy

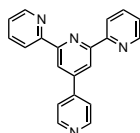
4'-(4-Pyridyl)-2,2':6',2''-terpyridine

CAS No :112881-51-3

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>4</sub>

M.W. :310.35 g/mole



## LT-MOF0340 | 344-pytpy

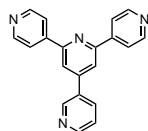
6'-(4-pyridinyl)-3,4':2',4''-Terpyridine

CAS No :887917-77-3

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>4</sub>

M.W. :310.35 g/mole



## LT-MOF0341 | timb

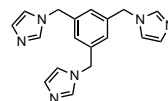
1,3,5-tris((1H-imidazol-1-yl)methyl)benzene

CAS No :147951-02-8

Grade :>97%

Formula :C<sub>18</sub>H<sub>18</sub>N<sub>6</sub>

M.W. :318.38 g/mole



## LT-MOF0342 | H3BTT

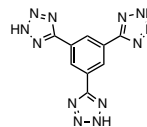
1,3,5-tri(1H-tetrazol-5-yl) benzene

CAS No :193614-99-2

Grade :>95%

Formula :C<sub>9</sub>H<sub>6</sub>N<sub>12</sub>

M.W. :282.22 g/mole



## LT-MOF0343

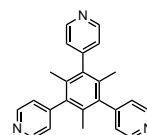
1,3,5-Trimethyl-2,4,6-Tris(4-pyridyl)benzene

CAS No :2027486-17-3

Grade :>95%

Formula :C<sub>24</sub>H<sub>21</sub>N<sub>3</sub>

M.W. :351.44 g/mole



## LT-MOF0344 | TPB

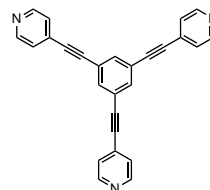
1,3,5-tris(pyridin-4-ylethynyl)benzene

CAS No :168289-78-9

Grade :>98%

Formula :C<sub>27</sub>H<sub>15</sub>N<sub>3</sub>

M.W. :381.43 g/mole

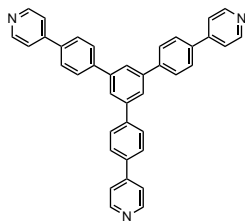


## Metal Organic Frameworks (MOF)

### LT-MOF0345

4,4'-(5'-(4-(Pyridin-4-yl)Phenyl)-[1,1':3',1''-Terphenyl]-4,4''-Diyl)Dipyridine

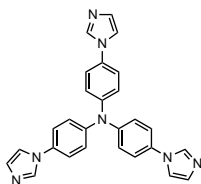
CAS No :170165-85-2  
 Grade :>97%  
 Formula :C<sub>39</sub>H<sub>27</sub>N<sub>3</sub>  
 M.W. :537.65 g/mole  
 Boiling Point :770.3±55.0 °C  
 Density :1.166±0.06 g/cm<sup>3</sup>



### LT-MOF0346 TIPA

Tris[4-(1-imidazolyl)phenyl]amine

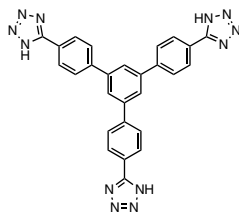
CAS No :1258947-79-3  
 Grade :>97%  
 Formula :C<sub>27</sub>H<sub>21</sub>N<sub>7</sub>  
 M.W. :443.50 g/mole  
 Boiling Point :720.0±55.0 °C  
 Density :1.25±0.1 g/cm<sup>3</sup>



### LT-MOF0347 H3TPB-3TZ

1,3,5-Tri-p-(tetrazol-5-yl)phenylbenzene

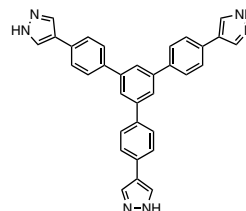
CAS No :1006608-03-2  
 Grade :>97%  
 Formula :C<sub>27</sub>H<sub>18</sub>N<sub>12</sub>  
 M.W. :510.51 g/mole  
 Storage :2~8 °C



### LT-MOF0348 H3BTBPz

4-[4-[3,5-bis[4-(1H-pyrazol-4-yl)phenyl]phenyl]phenyl]-1H-pyrazole

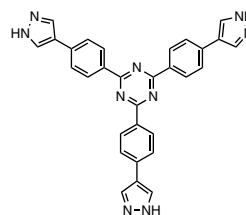
CAS No :1855846-73-9  
 Grade :>95%  
 Formula :C<sub>33</sub>H<sub>24</sub>N<sub>6</sub>  
 M.W. :504.58 g/mole



### LT-MOF0349 H3TPTA

2,4,6-tris[4-(1H-pyrazol-4-yl)phenyl]-1,3,5-Triazine

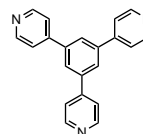
CAS No :2396570-49-1  
 Grade :>97%  
 Formula :C<sub>30</sub>H<sub>21</sub>N<sub>9</sub>  
 M.W. :507.55 g/mole



### LT-MOF0350 TPyB

1,3,5-Tris(4-Pyridyl)Benzene

CAS No :170165-84-1  
 Grade :>97%  
 Formula :C<sub>21</sub>H<sub>15</sub>N<sub>3</sub>  
 M.W. :309.36 g/mole  
 Boiling Point :488.6±40.0 °C  
 Melting Point :>300 °C  
 Density :1.167±0.06 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

### LT-MOF0351

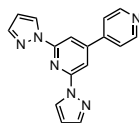
4'-(4"-pyridyl)-1,2':6'1"-bis(pyrazolyl)pyridine

CAS No :918959-39-4

Grade :>98%

Formula :C<sub>16</sub>H<sub>12</sub>N<sub>6</sub>

M.W. :288.31 g/mole



### LT-MOF0352

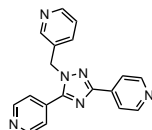
3-(3,5-Di-Pyridin-4-Yl-(1,2,4)Triazol-1-Yl)methyl)-Pyridine

CAS No :55391-41-8

Grade :>96%

Formula :C<sub>18</sub>H<sub>14</sub>N<sub>6</sub>

M.W. :314.34 g/mole



### LT-MOF0353

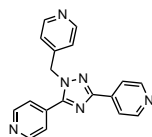
4-[(3,5-Dipyridin-4-Yl-1,2,4-Triazol-1-Yl)Methyl]Pyridine

CAS No :55391-42-9

Grade :>96%

Formula :C<sub>18</sub>H<sub>14</sub>N<sub>6</sub>

M.W. :314.34 g/mole



### LT-MOF0354 TIPB

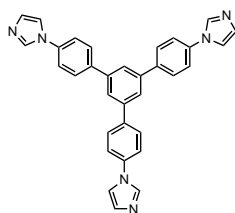
1,3,5-tris(p-imidazolyl)benzene

CAS No :1386857-85-7

Grade :>95%

Formula :C<sub>33</sub>H<sub>24</sub>N<sub>6</sub>

M.W. :504.58 g/mole



### LT-MOF0355 TPPA

4-(pyridin-4-yl)-N,N-bis[4-(pyridin-4-yl)phenyl]aniline

CAS No :1366291-62-4

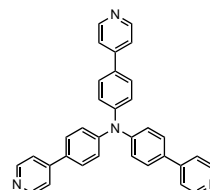
Grade :>97%

Formula :C<sub>33</sub>H<sub>24</sub>N<sub>4</sub>

M.W. :476.57 g/mole

Boiling Point :692.2±55.0 °C

Density :1.203±0.06 g/cm<sup>3</sup>



### LT-MOF0356 TPPA-4

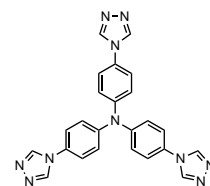
4-(4H-1,2,4-triazol-4-yl)-N,N-bis[4-(4H-1,2,4-triazol-4-yl)phenyl]-Benzenamine

CAS No :2001066-82-4

Grade :>97%

Formula :C<sub>24</sub>H<sub>18</sub>N<sub>10</sub>

M.W. :446.47 g/mole



### LT-MOF0357

4-([2,2':6',2''-Terpyridin]-4'-yl)benzaldehyde

CAS No :138253-30-2

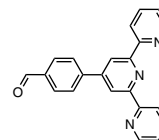
Grade :>95%

Formula :C<sub>22</sub>H<sub>15</sub>N<sub>3</sub>O

M.W. :337.37 g/mole

Boiling Point :525.9 °C at 760 mmHg

Density :1.219 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

### LT-MOF0358 | HPTPy

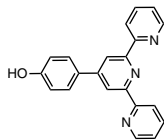
4-[2,2':6',2''-terpyridin]-4'-yl-phenol

CAS No :89972-79-2

Grade :>95%

Formula :C<sub>21</sub>H<sub>15</sub>N<sub>3</sub>O

M.W. :325.36 g/mole



### LT-MOF0359 |

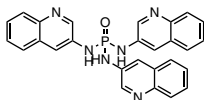
N,N',N''-tris(3-aminoquinolino)phosphoric triamide

CAS No :2097565-50-7

Grade :>95%

Formula :C<sub>27</sub>H<sub>21</sub>N<sub>6</sub>OP

M.W. :476.47 g/mole



### LT-MOF0360 | TPTA

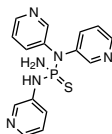
N,N',N''-tris(3-pyridinyl) phosphorothioic triamide

CAS No :2146095-56-7

Grade :>95%

Formula :C<sub>15</sub>H<sub>15</sub>N<sub>6</sub>PS

M.W. :342.36 g/mole



### LT-MOF0361 | BPEP

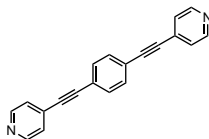
1,4-bis(pyridin-4-ylethynyl)benzene

CAS No :158525-01-0

Grade :>98%

Formula :C<sub>20</sub>H<sub>12</sub>N<sub>2</sub>

M.W. :280.32 g/mole



### LT-MOF0362 | 3-TPPA

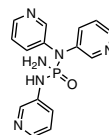
N,N',N''-tris(3-pyridinyl)phosphoric triamide

CAS No :856801-01-9

Grade :>95%

Formula :C<sub>15</sub>H<sub>15</sub>N<sub>6</sub>OP

M.W. :326.29 g/mole



### LT-MOF0363 | KBH(im)3

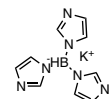
tri(1H-imidazol-1-yl) borohydride potassium

CAS No :98047-23-5

Grade :>98%

Formula :C<sub>9</sub>H<sub>9</sub>BKN<sub>6</sub>

M.W. :251.12 g/mole



### LT-MOF0364 |

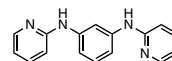
N<sub>1</sub>,N<sub>3</sub>-bis(2-pyridyl)-1,3-phenylenediamine

CAS No :445467-74-3

Grade :>95%

Formula :C<sub>16</sub>H<sub>14</sub>N<sub>4</sub>

M.W. :262.31 g/mole



### LT-MOF0365 |

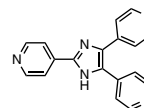
2,4,5-Tri(4-pyridyl)imidazole

CAS No :23974-93-8

Grade :>97%

Formula :C<sub>18</sub>H<sub>13</sub>N<sub>5</sub>

M.W. :299.33 g/mole



## LT-MOF0366 | TPA

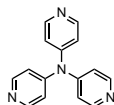
Tri(pyridin-4-yl)amine

CAS No :153467-50-6

Grade :>97%

Formula :C<sub>15</sub>H<sub>12</sub>N<sub>4</sub>

M.W. :248.28 g/mole



## LT-MOF0367

2,2':6',2''-Terpyridine-4'-Carbaldehyde

CAS No :108295-45-0

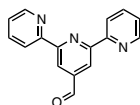
Grade :>98%

Formula :C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O

M.W. :261.28 g/mole

Boiling Point :468.2±45.0 °C at 760 mmHg

Density :1.2±0.1 g/cm<sup>3</sup>



## LT-MOF0368 | tib

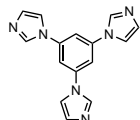
1,3,5-tri(1H-imidazol-1-yl)benzene

CAS No :528543-96-6

Grade :>98%

Formula :C<sub>15</sub>H<sub>12</sub>N<sub>6</sub>

M.W. :276.30 g/mole



## LT-MOF0369 | TDT

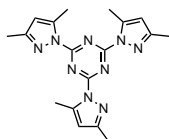
2,4,6-tris(3,5-dimethylpyrazol-1-yl)-1,3,5-triazine

CAS No :154403-27-7

Grade :>97%

Formula :C<sub>18</sub>H<sub>21</sub>N<sub>9</sub>

M.W. :363.42 g/mole



## LT-MOF0370 | TBTA

Tris[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]amine

CAS No :510758-28-8

Grade :>97%

Formula :C<sub>30</sub>H<sub>30</sub>N<sub>10</sub>

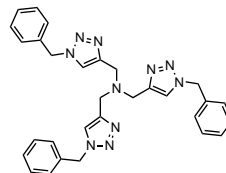
M.W. :530.63 g/mole

Boiling Point :762.4±70.0 °C at 760 mmHg

Melting Point:132~143 °C

Density :1.3±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



## LT-MOF0371 | TPBTC

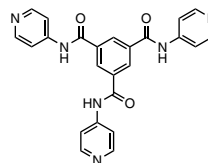
4-[2-(4-carboxyphenyl)ethyl]benzoic acid

CAS No :725274-03-3

Grade :>97%

Formula :C<sub>24</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>

M.W. :438.44 g/mole



## LT-MOF0372

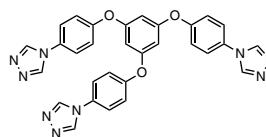
1,3,5-tris(4-(4H-1,2,4-triazol-4-yl)phenoxy)benzene

CAS No :1680199-77-2

Grade :>97%

Formula :C<sub>30</sub>H<sub>21</sub>N<sub>9</sub>O<sub>3</sub>

M.W. :555.55 g/mole



## LT-MOF0373 | TPT

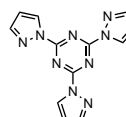
2,4,6-tris(4-pyrazol-1-yl)-1,3,5-triazine

CAS No :27257-90-5

Grade :>97%

Formula :C<sub>12</sub>H<sub>9</sub>N<sub>9</sub>

M.W. :279.26 g/mole

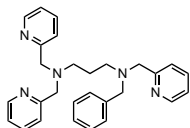


## Metal Organic Frameworks (MOF)

### LT-MOF0374 | bztppn

N-(Phenylmethyl)-N,N',N'-Tris(2-Pyridinylmethyl)-1,3-Propanediamine

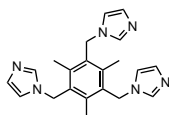
CAS No :494825-17-1  
Grade :>95%  
Formula :C<sub>28</sub>H<sub>31</sub>N<sub>5</sub>  
M.W. :437.58 g/mole



### LT-MOF0375 | titmb

1,3,5-tris(N-imidazolylmethyl)-2,4,6-trimethylbenzene

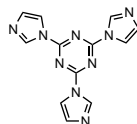
CAS No :220593-43-1  
Grade :>95%  
Formula :C<sub>21</sub>H<sub>24</sub>N<sub>6</sub>  
M.W. :360.46 g/mole



### LT-MOF0376 | timtz

2,4,6-Tri(1H-imidazol-1-yl)-1,3,5-triazine

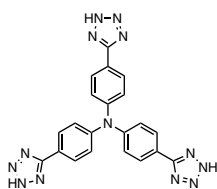
CAS No :14445-75-1  
Grade :>95%  
Formula :C<sub>12</sub>H<sub>9</sub>N<sub>9</sub>  
M.W. :279.26 g/mole



### LT-MOF0377 | H3TTPA

Tris(p-tetrazolylphenyl)amine

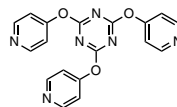
CAS No :1346621-21-3  
Grade :>97%  
Formula :C<sub>21</sub>H<sub>15</sub>N<sub>13</sub>  
M.W. :449.43 g/mole



### LT-MOF0378 |

2,4,6-Tris-(pyridin-4-yloxy)-[1,3,5]triazine

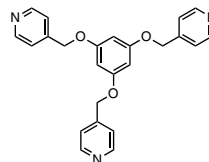
CAS No :2230253-24-2  
Grade :>95%  
Formula :C<sub>18</sub>H<sub>12</sub>N<sub>6</sub>O<sub>3</sub>  
M.W. :360.33 g/mole



### LT-MOF0379 |

1,3,5-Tris(4-pyridylmethoxy)benzene

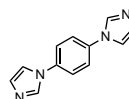
CAS No :915002-24-3  
Grade :>95%  
Formula :C<sub>24</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
M.W. :399.44 g/mole



### LT-MOF0380 | bimb

1,4-Bis(1-imidazolyl)benzene

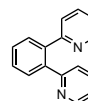
CAS No :25372-07-0  
Grade :>98%  
Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>  
M.W. :210.23 g/mole



### LT-MOF0381 |

1,2-Di(2-Pyridyl)Benzene

CAS No :74764-52-6  
Grade :>97%  
Formula :C<sub>16</sub>H<sub>12</sub>N<sub>2</sub>  
M.W. :232.28 g/mole

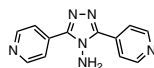




## LT-MOF0382

4-Amino-3,5-bis(4-pyridyl)-1,2,4-triazole

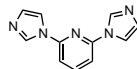
CAS No :38634-05-8  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>10</sub>N<sub>6</sub>  
 M.W. :238.25 g/mole



## LT-MOF0383

2,6-Di(1H-imidazol-1-yl)pyridine

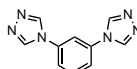
CAS No :39242-17-6  
 Grade :>98%  
 Formula :C<sub>11</sub>H<sub>9</sub>N<sub>5</sub>  
 M.W. :211.22 g/mole



## LT-MOF0384 mbtx

4-(3-(4H-1,2,4-triazol-4-yl) phenyl)-4H-1,2,4-triazole

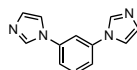
CAS No :1493805-13-2  
 Grade :>97%  
 Formula :C<sub>10</sub>H<sub>8</sub>N<sub>6</sub>  
 M.W. :212.21 g/mole



## LT-MOF0385

1,3-bis(1H-imidazol-1-yl)benzene

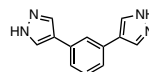
CAS No :69506-91-8  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>  
 M.W. :210.23 g/mole



## LT-MOF0386 1,3-BDP

4,4'-(1,3-phenylene)bis-1H-Pyrazole

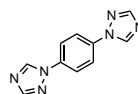
CAS No :958101-27-4  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>  
 M.W. :210.23 g/mole



## LT-MOF0387

1,1-(1,4-phenylene)bis-1H-1,2,4-Triazole

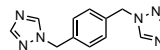
CAS No :1435710-71-6  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>8</sub>N<sub>6</sub>  
 M.W. :212.21 g/mole



## LT-MOF0388

1,4-Bis((1H-1,2,4-triazol-1-yl)methyl)benzene

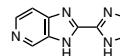
CAS No :143131-66-2  
 Grade :>98%  
 Formula :C<sub>12</sub>H<sub>12</sub>N<sub>6</sub>  
 M.W. :240.26 g/mole



## LT-MOF0389

2-(4,5-dihydro-1H-imidazol-2-yl)-3H-imidazo[4,5-c]pyridine

Grade :>95%  
 Formula :C<sub>9</sub>H<sub>9</sub>N<sub>5</sub>  
 M.W. :187.20 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0390 | Hdpza

N-Pyrazin-2-ylpyrazin-2-amine

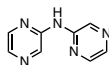
CAS No :533930-18-6

Grade :>97%

Formula :C<sub>8</sub>H<sub>7</sub>N<sub>5</sub>

M.W. :173.17 g/mole

Melting Point:215~216 °C



### LT-MOF0391 |

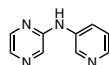
N-(pyridin-3-yl)pyrazin-2-amine

CAS No :1028223-88-2

Grade :>95%

Formula :C<sub>9</sub>H<sub>8</sub>N<sub>4</sub>

M.W. :172.19 g/mole



### LT-MOF0392 |

3-(1H-Imidazol-2-yl)pyridine

CAS No :13570-00-8

Grade :>95%

Formula :C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :145.16 g/mole



### LT-MOF0393 |

1H-tetrazol-5-yl-Pyrazine

CAS No :16289-54-6

Grade :>97%

Formula :C<sub>5</sub>H<sub>4</sub>N<sub>6</sub>

M.W. :148.13 g/mole



### LT-MOF0394 |

4-Amino-3,5-Di-2-Pyridyl-4H-1,2,4-Triazole

CAS No :1671-88-1

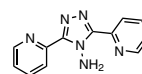
Grade :>98%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>6</sub>

M.W. :238.25 g/mole

Melting Point:182~184 °C (lit.)

Storage :2~8 °C



### LT-MOF0395 | Hppy

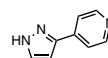
3-(4-Pyridyl)Pyrazole

CAS No :17784-60-0

Grade :>97%

Formula :C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :145.16 g/mole



### LT-MOF0396 |

4-(1H-Imidazol-2-yl)-Pyridine

CAS No :21202-42-6

Grade :>97%

Formula :C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :145.16 g/mole



### LT-MOF0397 |

4,4'-Bipyrimidine

CAS No :2426-94-0

Grade :>95%

Formula :C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>

M.W. :158.16 g/mole



### LT-MOF0398 |

4-(1H-Imidazol-5-yl)pyridine

CAS No :51746-87-3

Grade :>95%

Formula :C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :145.16 g/mole



## LT-MOF0399

### 2,2'-Bipyrimidine

CAS No :34671-83-5  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>  
 M.W. :158.16 g/mole  
 Boiling Point :395.4±25.0 °C at 760 mmHg  
 Melting Point:112~116 °C (lit.)  
 Density :1.2±0.1 g/cm<sup>3</sup>



## LT-MOF0400

### 5,5'-Bipyrimidine

CAS No :56598-46-0  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>  
 M.W. :158.16 g/mole  
 Boiling Point :349.5 °C at 760 mmHg  
 Melting Point:196~197 °C  
 Density :1.239g/cm<sup>3</sup>



## LT-MOF0401

### 4-(3,5-dimethyl-1H-pyrazol-4-yl)pyridine

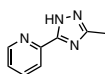
CAS No :734533-08-5  
 Grade :>97%  
 Formula :C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>  
 M.W. :173.21 g/mole



## LT-MOF0402

### 5-Methyl-3-(pyridin-2-yl)-1H-1,2,4-triazole

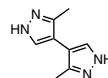
CAS No :25433-36-7  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>8</sub>N<sub>4</sub>  
 M.W. :160.18 g/mole



## LT-MOF0403

### 3,3'-dimethyl-1H,1'H-4,4'-bipyrazole

CAS No :1816270-47-9  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>  
 M.W. :162.19 g/mole



## LT-MOF0404

### 3-(1H-Imidazol-5-yl)pyridine

CAS No :51746-85-1  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>  
 M.W. :145.16 g/mole



## LT-MOF0405

### 2-(1H-Pyrrol-2-yl)pyridine

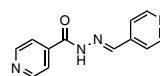
CAS No :17285-54-0  
 Grade :>95%  
 Formula :C<sub>9</sub>H<sub>8</sub>N<sub>2</sub>  
 M.W. :144.17 g/mole



## LT-MOF0406

### 2-(4-pyridinylmethylene)hydrazide-4-Pyridinecarboxylic acid

CAS No :13025-99-5  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O  
 M.W. :226.23 g/mole



## Metal Organic Frameworks (MOF)

### LT-MOF0407 | dpbp

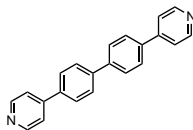
4,4'-Bis(4-pyridyl)biphenyl

CAS No :319430-87-0

Grade :>97%

Formula :C<sub>22</sub>H<sub>16</sub>N<sub>2</sub>

M.W. :308.38 g/mole



### LT-MOF0408 |

4,4'-Vinylenedipyridine

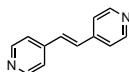
CAS No :13362-78-2

Grade :>97%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>

M.W. :182.22 g/mole

Melting Point:148~152 °C (lit.)



### LT-MOF0409 |

4,4'-(1,2-diazenediyl)bis-pyridine

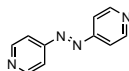
CAS No :2632-99-7

Grade :>98%

Formula :C<sub>10</sub>H<sub>8</sub>N<sub>4</sub>

M.W. :184.20 g/mole

Melting Point:96~101 °C



### LT-MOF0410 | H2bpzb

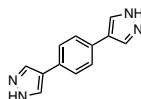
1,4-Di(1H-pyrazol-4-yl)benzene

CAS No :1036248-62-0

Grade :>97%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :210.23 g/mole



### LT-MOF0411 | diPyTz

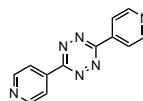
3,6-Di(4-pyridyl)-1,2,4,5-tetrazine

CAS No :57654-36-1

Grade :>98%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>6</sub>

M.W. :236.23 g/mole



### LT-MOF0412 | AZP

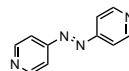
4,4'-(1E)-azobis-Pyridine

CAS No :4253-82-1

Grade :>97%

Formula :C<sub>10</sub>H<sub>8</sub>N<sub>4</sub>

M.W. :184.20 g/mole



### LT-MOF0413 | bpbenz

1,4-bis(pyrid-4-yl)benzene

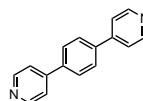
CAS No :113682-56-7

Grade :>97%

Formula :C<sub>16</sub>H<sub>12</sub>N<sub>2</sub>

M.W. :232.28 g/mole

Melting Point:167~170 °C



### LT-MOF0414 | 3,3'-pytz

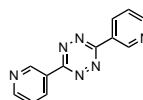
3,6-bis(pyridin-3-yl)-1,2,4,5-tetrazine

CAS No :107599-30-4

Grade :>95%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>6</sub>

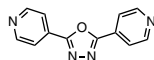
M.W. :236.23 g/mole



## LT-MOF0415

2,5-Bis(4-Pyridyl)-1,3,4-Oxadiazole

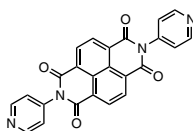
CAS No :15420-02-7  
Grade :>98%  
Formula :C<sub>12</sub>H<sub>8</sub>N<sub>4</sub>O  
M.W. :224.22 g/mole



## LT-MOF0416 DPNDI

N,N'-Di(4-pyridyl)-1,4,5,8-naphthalenetetracarboxydiimide

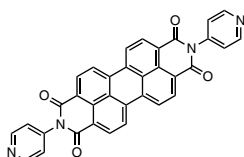
CAS No :34151-49-0  
Grade :>98%  
Formula :C<sub>24</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>  
M.W. :420.38 g/mole



## LT-MOF0417 DPPBI

2,9-di(pyridin-4-yl)anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2h,9h)-tetraone

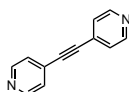
CAS No :136847-29-5  
Grade :>98%  
Formula :C<sub>34</sub>H<sub>16</sub>N<sub>4</sub>O<sub>4</sub>  
M.W. :544.52 g/mole



## LT-MOF0418 bpac

1,2-Di(pyridin-4-yl)ethyne

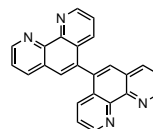
CAS No :73564-69-9  
Grade :>97%  
Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>  
M.W. :180.20 g/mole  
Boiling Point :350.9 °C at 760 mmHg  
Density :1.18g/cm<sup>3</sup>



## LT-MOF0419 biphens

5,5'-Bi-1,10-phenanthroline

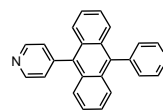
CAS No :96761-79-4  
Grade :>97%  
Formula :C<sub>24</sub>H<sub>14</sub>N<sub>4</sub>  
M.W. :358.39 g/mole  
Boiling Point :581.6±45.0 °C (760 mmHg)  
Density :1.357±0.06 g/cm<sup>3</sup>



## LT-MOF0420 bpanth

4,4'-(9,10-Anthracenediyl)Bis-Pyridine

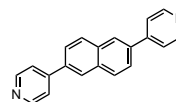
CAS No :194861-72-8  
Grade :>97%  
Formula :C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. :332.40 g/mole  
Boiling Point :481.0±40.0 °C  
Density :1.210±0.06 g/cm<sup>3</sup>



## LT-MOF0421

2,6-di(pyridin-4-yl)naphthalene

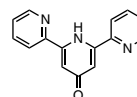
CAS No :950520-39-5  
Grade :>95%  
Formula :C<sub>20</sub>H<sub>14</sub>N<sub>2</sub>  
M.W. :282.34 g/mole



## LT-MOF0422

2,6-Bis(2-Pyridyl)-4(1H)-Pyridone

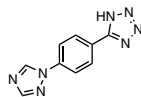
CAS No :128143-88-4  
Grade :>97%  
Formula :C<sub>15</sub>H<sub>11</sub>N<sub>3</sub>O  
M.W. :249.27 g/mole  
Boiling Point :505.5 °C at 760 mmHg  
Melting Point:168~170 °C (lit.)  
Density :1.269 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

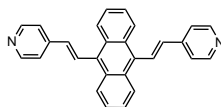
### LT-MOF0423 | Httbz

5-[4-(1H-1,2,4-Triazole-1-yl)phenyl]-1H-tetrazole  
 CAS No : 1423810-54-1  
 Grade : >97%  
 Formula :  $C_9H_7N_7$   
 M.W. : 213.20 g/mole



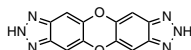
### LT-MOF0424 | BP4VA

9,10-Bis(2-(pyridin-4-yl)vinyl)anthracene  
 CAS No : 113308-38-6  
 Grade : >97%  
 Formula :  $C_{28}H_{20}N_2$   
 M.W. : 384.47 g/mole



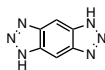
### LT-MOF0425 | H2btdd

1H,7H-[1,4]Dioxino[2,3-F:5,6-F']Bisbenzotriazole  
 CAS No : 1276042-43-3  
 Grade : >97%  
 Formula :  $C_{12}H_6N_6O_2$   
 M.W. : 266.21 g/mole



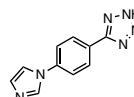
### LT-MOF0426 | H2BBTA

1,5-Dihydrobenzo[1,2-d:4,5-d']bis[1,2,3]triazole  
 CAS No : 7221-63-8  
 Grade : >97%  
 Formula :  $C_6H_4N_6$   
 M.W. : 160.14 g/mole



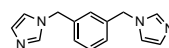
### LT-MOF0427 |

5-[4-(1-Imidazolyl)phenyl]-2H-tetrazole  
 CAS No : 188890-72-4  
 Grade : >97%  
 Formula :  $C_{10}H_8N_6$   
 M.W. : 212.21 g/mole



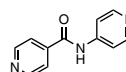
### LT-MOF0428 | 1,3-bix

1,1'-[1,3-phenylenebis(methylene)]bis-1h-imidazole  
 CAS No : 69506-92-9  
 Grade : >98%  
 Formula :  $C_{14}H_{14}N_4$   
 M.W. : 238.29 g/mole



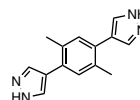
### LT-MOF0429 |

4-Pyridylisonicotinamide  
 CAS No : 64479-78-3  
 Grade : >98%  
 Formula :  $C_{11}H_9N_3O$   
 M.W. : 199.21 g/mole



### LT-MOF0430 | Me2-bdp

4,4'-(2,5-dimethyl-1,4-phenylene)bis-1H-Pyrazole  
 CAS No : 2044270-08-6  
 Grade : >95%  
 Formula :  $C_{14}H_{14}N_4$   
 M.W. : 238.29 g/mole

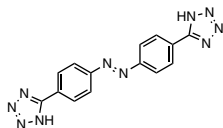


## Metal Organic Frameworks (MOF)

### LT-MOF0431

(E)-1,2-bis(4-(1H-tetrazol-5-yl)phenyl)diazene

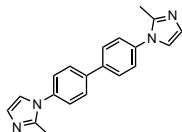
Grade : > 97%  
 Formula :  $C_{14}H_{10}N_{10}$   
 M.W. : 318.30 g/mole



### LT-MOF0432

4,4'-bis(2-methyl-1H-imidazol-1-yl)-1,1'-biphenyl

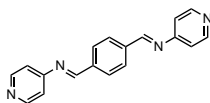
CAS No : 2426618-95-1  
 Grade : > 98%  
 Formula :  $C_{20}H_{18}N_4$   
 M.W. : 314.38 g/mole



### LT-MOF0433

(N,N',E,N',E)-N,N'-(1,4-phenylenebis(methanylylidene))bis(pyridin-4-amine)

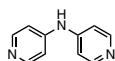
CAS No : 324068-05-5  
 Grade : > 97%  
 Formula :  $C_{18}H_{14}N_6$   
 M.W. : 286.33 g/mole



### LT-MOF0434

4,4'-Dipyridylamine

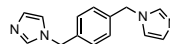
CAS No : 1915-42-0  
 Grade : > 97%  
 Formula :  $C_{10}H_9N_3$   
 M.W. : 171.20 g/mole  
 Boiling Point : 353.7 °C at 760 mmHg  
 Density : 1.206 g/cm<sup>3</sup>



### LT-MOF0435

1,4-Bis(imidazole-1-ylmethyl)benzene

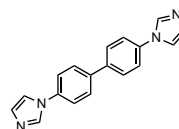
CAS No : 56643-83-5  
 Grade : > 98%  
 Formula :  $C_{14}H_{14}N_4$   
 M.W. : 238.29 g/mole



### LT-MOF0436

4,4'-Bis(1-imidazolyl)biphenyl

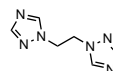
CAS No : 855766-92-6  
 Grade : > 98%  
 Formula :  $C_{18}H_{14}N_4$   
 M.W. : 286.33 g/mole



### LT-MOF0437

1,1'-(1,2-ethanediyl)bis-1h-1,2,4-triazole

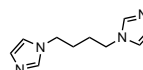
CAS No : 116476-98-3  
 Grade : > 98%  
 Formula :  $C_6H_8N_6$   
 M.W. : 164.17 g/mole



### LT-MOF0438

1,1'-(1,4-butanediyl)bis-1H-Imidazole

CAS No : 69506-86-1  
 Grade : > 97%  
 Formula :  $C_{10}H_{14}N_4$   
 M.W. : 190.25 g/mole  
 Boiling Point : 448.0 ± 28.0 °C at 760 mmHg  
 Density : 1.1 ± 0.1 g/cm<sup>3</sup>



## Metal Organic Frameworks (MOF)

### LT-MOF0439 | btx

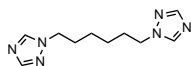
1,1'-(1,6-hexanediyl)bis-1h-1,2,4-triazole

CAS No :63400-46-4

Grade :>97%

Formula :C<sub>10</sub>H<sub>16</sub>N<sub>6</sub>

M.W. :220.27 g/mole



### LT-MOF0440 |

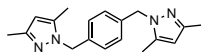
1,1'-(Benzene-1,4-Diyl)dimethylene-Bis(3,5-Dimethyl-1H-Pyrazole)

CAS No :172606-22-3

Grade :>97%

Formula :C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>

M.W. :294.39 g/mole



### LT-MOF0441 | bmimb

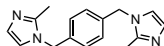
1,1'-[1,4-phenylenebis(methylene)]bis[2-methyl-1h-imidazole

CAS No :82410-79-5

Grade :>98%

Formula :C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>

M.W. :266.34 g/mole



### LT-MOF0442 |

1,4-Bis(2-methylimidazol-1-yl)butane

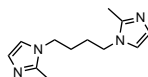
CAS No :52550-63-7

Grade :>97%

Formula :C<sub>12</sub>H<sub>18</sub>N<sub>4</sub>

M.W. :218.30 g/mole

Storage :2~8 °C



### LT-MOF0443 | 3-abpt

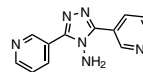
3,5-Di(3-Pyridinyl)-4H-1,2,4-Triazol-4-Amine

CAS No :38629-66-2

Grade :>97%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>6</sub>

M.W. :238.25 g/mole



### LT-MOF0444 | H2BDT

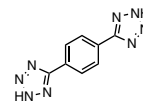
5,5'-(1,4-Phenylene)Bis-2H-Tetrazole

CAS No :6926-49-4

Grade :>97%

Formula :C<sub>8</sub>H<sub>6</sub>N<sub>8</sub>

M.W. :214.19 g/mole



### LT-MOF0445 |

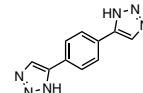
1,4-di(1H-1,2,3-triazol-5-yl)benzene

CAS No :935747-92-5

Grade :>97%

Formula :C<sub>10</sub>H<sub>8</sub>N<sub>6</sub>

M.W. :212.21 g/mole



### LT-MOF0446 | atrz

4,4'-Bi-4H-1,2,4-triazole

CAS No :16227-15-9

Grade :>97%

Formula :C<sub>4</sub>H<sub>4</sub>N<sub>6</sub>

M.W. :136.12 g/mole





## LT-MOF0447 | H2BPZ

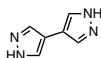
4,4'-Bi-1H-pyrazole

CAS No :25240-33-9

Grade :>97%

Formula :C<sub>6</sub>H<sub>6</sub>N<sub>4</sub>

M.W. :134.14 g/mole



## LT-MOF0448 |

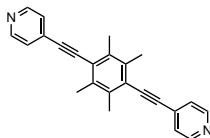
4,4'-[(2,3,5,6-tetramethyl-1,4-phenylene)di-2,1-ethynediyl]bis-Pyridine

CAS No :918801-05-5

Grade :>95%

Formula :C<sub>24</sub>H<sub>20</sub>N<sub>2</sub>

M.W. :336.43 g/mole



## LT-MOF0449 | bisPYA

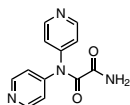
N,N-Di-pyridin-4-yl-oxalamide

CAS No :53118-43-7

Grade :>95%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :242.23 g/mole



## LT-MOF0450 | DP-Naph

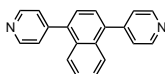
1,4-di(pyridin-4-yl)naphthalene

CAS No :1429342-63-1

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>N<sub>2</sub>

M.W. :282.34 g/mole



## LT-MOF0451 |

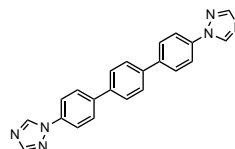
1,1'-[1,1':4',1''-terphenyl]-4,4''-diylbis-1H-1,2,4-Triazole

CAS No :1663497-64-0

Grade :>95%

Formula :C<sub>22</sub>H<sub>16</sub>N<sub>6</sub>

M.W. :364.40 g/mole



## LT-MOF0452 |

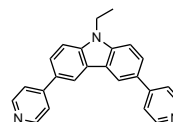
9-ethyl-3,6-di(pyridin-4-yl)-9H-carbazole

CAS No :1425940-32-4

Grade :>95%

Formula :C<sub>24</sub>H<sub>19</sub>N<sub>3</sub>

M.W. :349.43 g/mole



## LT-MOF0453 |

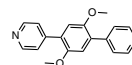
4,4'-(2,5-dimethoxy-1,4-phenylene)dipyridine

CAS No :1415393-43-9

Grade :>95%

Formula :C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :292.33 g/mole



## LT-MOF0454 |

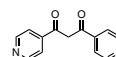
1,3-di-pyridin-4-yl-propane-1,3-dione

CAS No :42899-59-2

Grade :>95%

Formula :C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>

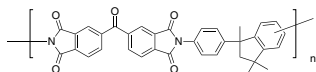
M.W. :226.23 g/mole



## Metal Organic Frameworks (MOF)

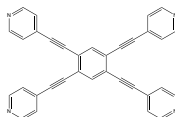
### LT-MOF0455 | Matrimid

Poly [3, 3', 4, 4' -benzophenone tetracarboxylic dianhydride and 5(6)-amino-1-(4' -aminophenyl-1, 3-trimethylindane)]  
 CAS No :104983-64-4  
 Formula : $(C_{35}H_{24}N_2O_5)_n$   
 M.W. :Mw >30,000



### LT-MOF0456 |

Pyridine, 4,4',4'',4'''-(1,2,4,5-benzenetetrayltetra-2,1-ethynediyl)tetrakis-  
 CAS No :168289-79-0  
 Grade :>98%  
 Formula : $C_{34}H_{18}N_4$   
 M.W. :482.53 g/mole



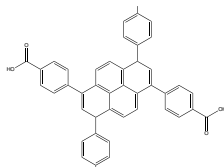
### LT-MOF0457 | PE511

2,6-Dibromopyridine  
 CAS No :626-05-1  
 Grade :>98%  
 Formula : $C_5H_3Br_2N$   
 M.W. :236.89 g/mole



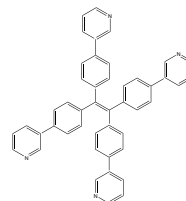
### LT-MOF0458 | PYR16

4,4',4'',4'''-(3,8-dihydro-1,3,6,8-pyrenetetrayl)tetrakis-Benzoic acid  
 CAS No :2378536-29-7  
 Grade :>98%  
 Formula : $C_{44}H_{28}O_8$   
 M.W. :684.69 g/mole



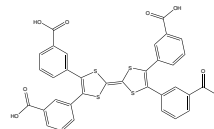
### LT-MOF0459 |

1,1,2,2-tetra-(3-pyridylphenyl)ethylene  
 CAS No :1287777-24-5  
 Grade :>98%  
 Formula : $C_{46}H_{32}N_4$   
 M.W. :640.77 g/mole



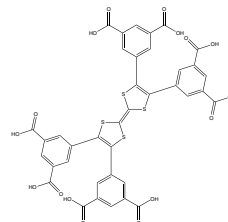
### LT-MOF0460 | TTF32

3,3',3'',3'''-([2,2'-Bi(1,3-dithiolylidene)]-4,4',5,5'-tetrayl) tetrabenzoic acid  
 CAS No :2757729-91-0  
 Grade :>98%  
 Formula : $C_{34}H_{20}O_8S_4$   
 M.W. :684.78 g/mole



### LT-MOF0461 |

5,5',5'',5'''-([2,2'-Bi(1,3-dithiolylidene)]-4,4',5,5'-tetrayl) tetrakisophthalic acid  
 CAS No :2172997-02-1  
 Grade :>98%  
 Formula : $C_{38}H_{20}O_{16}S_4$   
 M.W. :860.80 g/mole

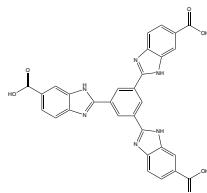


## Metal Organic Frameworks (MOF)

### LT-MOF0462

1H-Benzimidazole-6-carboxylic acid,  
2,2'-(1,3,5-benzenetriyl)tris-

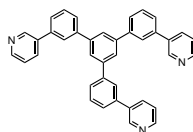
CAS No :1394891-90-7  
Grade :>98%  
Formula : $C_{30}H_{18}N_6O_6$   
M.W. :558.5 g/mole



### LT-N863 TmPyPB

1,3,5-Tri[(3-pyridyl)-phen-3-yl]benzene

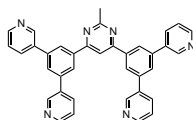
CAS No :921205-03-0  
Grade :Sublimed >99.5%  
Formula : $C_{39}H_{27}N_3$   
M.W. :537.65 g/mole  
UV :254 nm (in  $CH_2Cl_2$ )  
PL :353 nm (in  $CH_2Cl_2$ )  
TGA :>310 °C (0.5% weight loss)  
Boiling Point :748.9±55.0 °C  
Melting Point:195~200 °C  
Density :1.166 g/cm<sup>3</sup>



### LT-N876 B3PYMPM

4,6-Bis(3,5-di-3-pyridylphenyl)-2-methylpyrimidine

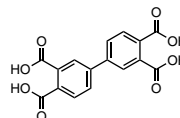
CAS No :925425-96-3  
Grade :Sublimed >99%  
Formula : $C_{37}H_{26}N_6$   
M.W. :554.64 g/mole  
UV :248 nm (in  $CH_2Cl_2$ )  
TGA :>350 °C (0.5% weight loss)



### T0050 BPTA

[1,1'-Biphenyl]-3,3',4,4'-tetracarboxylic acid

CAS No :22803-05-0  
Grade :>99.9%  
Formula : $C_{16}H_{10}O_8$   
M.W. :330.25 g/mole  
Boiling Point :673.3 °C at 760 mmHg  
Melting Point:>300 °C  
Density :1.612 g/cm<sup>3</sup>



## Covalent Organic Frameworks (COF)

### B1763

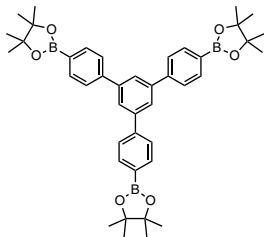
2-[4-[3,5-Bis[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]phenyl]phenyl]-4,4,5,5-tetramethyl-1,3,2-dioxaborolane

CAS No :1017967-97-3

Grade :>97% (NMR)

Formula :C<sub>42</sub>H<sub>51</sub>B<sub>3</sub>O<sub>6</sub>

M.W. :684.28 g/mole



### B2167500220

1,2,4,5-Benzenetetramine Tetrahydrochloride

CAS No :4506-66-5

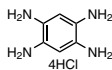
Grade :>97%

Formula :C<sub>6</sub>H<sub>14</sub>Cl<sub>4</sub>N<sub>4</sub>

M.W. :284.01 g/mole

Boiling Point :400.9 °C at 760 mmHg

Melting Point:>300 °C (lit.)



### C0065

9H-Carbazole-3,6-diamine

CAS No :86-71-5

Grade :>98% (HPLC)

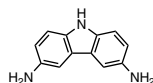
Formula :C<sub>12</sub>H<sub>11</sub>N<sub>3</sub>

M.W. :197.24 g/mole

Boiling Point :526.9 °C at 760 mmHg

Density :1.403 g/cm<sup>3</sup>

Storage :2~8 °C



### C0068

4,4-diamino-p-terphenyl

CAS No :3365-85-3

Grade :>98% (HPLC)

Formula :C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>

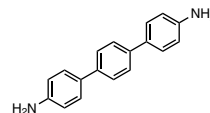
M.W. :260.34 g/mole

Boiling Point :484.2 °C at 760 mmHg

Melting Point:242~244 °C

Density :1.159 g/cm<sup>3</sup>

Storage :2~8 °C



### C0073

1,3,5-Tris(4-aminophenyl)benzene

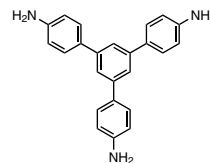
CAS No :118727-34-7

Grade :>95% (HPLC)

Formula :C<sub>24</sub>H<sub>21</sub>N<sub>3</sub>

M.W. :351.45 g/mole

Storage :2~8 °C



### C0076

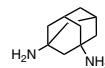
Adamantane-1,3-diamine

CAS No :10303-95-4

Grade :>98% (GC)

Formula :C<sub>10</sub>H<sub>18</sub>N<sub>2</sub>

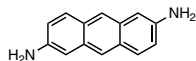
M.W. :166.27 g/mole



## C0111 | DA

### 2,6-Anthracenediamine

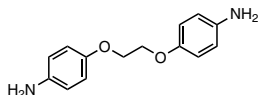
CAS No :46710-42-3  
 Grade :>98%  
 Formula :C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>  
 M.W. :208.26 g/mole  
 Storage :erature



## C0122

### 4,4'-(Ethane-1,2-diylbis(oxy))dianiline

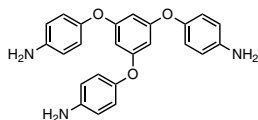
CAS No :6052-10-4  
 Grade :>99%  
 Formula :C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :244.29 g/mole



## C0129 | TAPOB

### 1,3,5-Tris(4-aminophenoxy)benzene

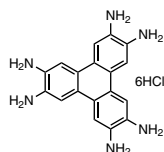
CAS No :102852-92-6  
 Grade :>99%  
 Formula :C<sub>24</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
 M.W. :399.44 g/mole  
 Boiling Point :618.7±55.0 °C  
 Melting Point:88~90 °C  
 Density :1.296±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C



## CS10310 | HATP (6HCl)

### Triphenylene-2,3,6,7,10,11-hexamine hexahydrochloride

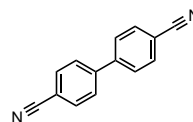
CAS No :1350518-27-2  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>24</sub>Cl<sub>6</sub>N<sub>6</sub>  
 M.W. :537.14 g/mole  
 Storage :2~8 °C



## K0078

### Biphenyl-4,4'-dicarbonitrile

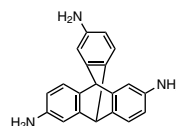
CAS No :1591-30-6  
 Grade :>98% (HPLC)  
 Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>  
 M.W. :204.23 g/mole  
 Boiling Point :403.5 °C at 760 mmHg  
 Melting Point:236~240 °C (lit.)  
 Density :1.2 g/cm<sup>3</sup>



## K0451

### 2,6,14-triaminotriptycene

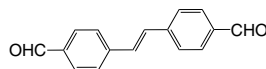
CAS No :58519-06-5  
 Grade :>98% (HPLC)  
 Formula :C<sub>20</sub>H<sub>17</sub>N<sub>3</sub>  
 M.W. :299.37 g/mole  
 Storage :2~8 °C



## K0570

### 1,2-Bis(p-formylphenyl)-trans-ethylene

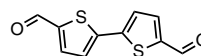
CAS No :4720-99-4  
 Grade :>98% (HPLC)  
 Formula :C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>  
 M.W. :236.26 g/mole  
 Storage :2~8 °C



## K0732

### 2,2'-Bithiophene-5,5'-dicarbaldehyde

CAS No :32364-72-0  
 Grade :>98% (HPLC)  
 Formula :C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :222.28 g/mole  
 Melting Point:213.0 to 217.0 °C



## Covalent Organic Frameworks (COF)

### K1100 | HHTP

Triphenylene-2,3,6,7,10,11-hexaol

CAS No :4877-80-9

Grade :>98%

Formula :C<sub>18</sub>H<sub>12</sub>O<sub>6</sub>

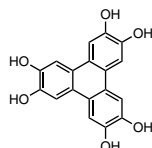
M.W. :324.28 g/mole

Boiling Point :776.3±55.0 °C at 760 mmHg

Melting Point:>300 °C

Density :1.8±0.1 g/cm<sup>3</sup>

Storage :erature



### K1262 | 4,4'-bipy-NH2

2,2'-Bipyridine -4,4'-diamine

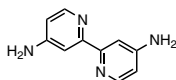
CAS No :18511-69-8

Grade :>98%

Formula :C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :186.21 g/mole

Storage :2~8 °C



### K1695 |

Tris(4-Formylphenyl)Amine

CAS No :119001-43-3

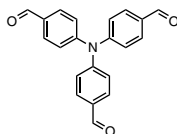
Grade :>95%

Formula :C<sub>21</sub>H<sub>15</sub>NO<sub>3</sub>

M.W. :329.35 g/mole

Melting Point:244~248 °C

Storage :2~8 °C



### LT-COF0001 | PCM

[1,1'-biphenyl]-4,4'-bis(carboximidamide) dihydrochloride

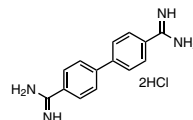
CAS No :94289-37-9

Grade :>95%

Formula :C<sub>14</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>

M.W. :311.21 g/mole

Storage :2~8 °C



### LT-COF0002 |

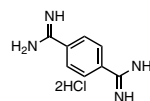
Terephthalimidamide dihydrochloride

CAS No :14401-56-0

Grade :>95%

Formula :C<sub>8</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>4</sub>

M.W. :235.11 g/mole Storage :erature



### LT-COF0003 |

2,3,5,6-tetraamino-2,5-Cyclohexadiene-1,4-dione

CAS No :1128-13-8

Grade :>95%

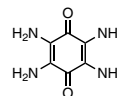
Formula :C<sub>6</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :168.15 g/mole

Boiling Point :314.4±42.0 °C at 760 mmHg

Density :1.6±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



## LT-COF0004 | HAB

Benzene-1,2,3,4,5,6-hexamine

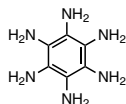
CAS No :4444-26-2

Grade :>95%

Formula : $C_6H_{12}N_6$

M.W. :168.20 g/mole

Storage :erature



## LT-COF0005 | PyTTA

1,3,6,8-Tetrakis(4-aminophenyl)pyrene

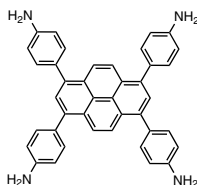
CAS No :1610471-69-6

Grade :>95%

Formula : $C_{40}H_{30}N_4$

M.W. :566.69 g/mole

Storage :2~8 °C



## LT-COF0006 | NPDA

Naphthalene-2,6-diylboronic acid

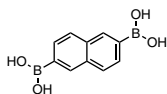
CAS No :887260-96-0

Grade :>97%

Formula : $C_{10}H_{10}B_2O_4$

M.W. :215.81 g/mole

Storage :erature



## LT-COF0007 | TAEB

1,2,4,5-Tetra((4-aminophenyl)ethynyl)benzene

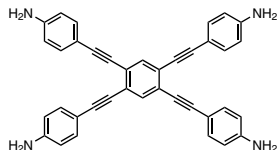
CAS No :2375652-88-1

Grade :>95%

Formula : $C_{38}H_{26}N_4$

M.W. :538.64 g/mole

Storage :2~8 °C



## LT-COF0008 |

Bis(3,4-diaminophenyl)methanone

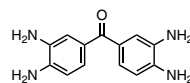
CAS No :5007-67-0

Grade :>95%

Formula : $C_{13}H_{14}N_4O$

M.W. :242.28 g/mole

Storage :2~8 °C



## LT-COF0009 |

2,3,7,8-tetraaminodibenzo-p-dioxin

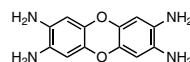
CAS No :34294-67-2

Grade :>97%

Formula : $C_{12}H_{12}N_4O_2$

M.W. :244.25 g/mole

Storage :2~8 °C



## LT-COF0010 | TAPM

Tetra(4-anilyl)methane

CAS No :60532-63-0

Grade :>97%

Formula : $C_{25}H_{24}N_4$

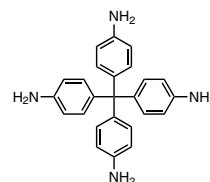
M.W. :380.48 g/mole

Boiling Point :639.7±55.0 °C at 760 mmHg

Melting Point:262 °C

Density :1.247±0.06 g/cm3

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0011 | ETTA

Tetrakis(4-aminophenyl)ethene

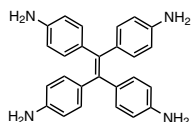
CAS No :78525-34-5

Grade :>96%

Formula :C<sub>26</sub>H<sub>24</sub>N<sub>4</sub>

M.W. :392.50 g/mole

Storage :2~8 °C



### LT-COF0012 | BPTA

5',5''-bis(4-aminophenyl)-[1,1':3',1''':3''',1''''-quaterphenyl]-4,4'''-diamine

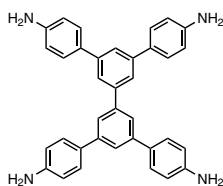
CAS No :2411406-15-8

Grade :>95%

Formula :C<sub>36</sub>H<sub>30</sub>N<sub>4</sub>

M.W. :518.65 g/mole

Storage :2~8 °C



### LT-COF0013 |

N,N,N',N'-Tetrakis(4-aminophenyl)-1,4-benzenediamine

CAS No :3283-07-6

Grade :>95%

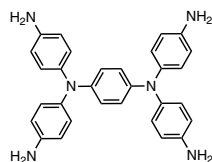
Formula :C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>

M.W. :472.58 g/mole

Boiling Point :765.6±60.0 °C at 760 mmHg

Density :1.3±0.1 g/cm<sup>3</sup>

Storage :erature



### LT-COF0014 |

(Methanetetrayltetrakis(benzene-4,1-diyl)) tetrakis(aminomethaniminium)

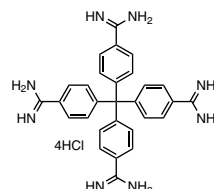
CAS No :2205867-69-0

Grade :>95%

Formula :C<sub>29</sub>H<sub>32</sub>Cl<sub>4</sub>N<sub>8</sub>

M.W. :634.43 g/mole

Storage :2~8 °C



### LT-COF0015 | TAPA

Tetraaniyladamantane

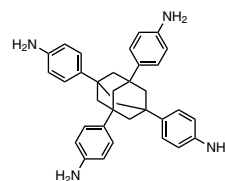
CAS No :158562-40-4

Grade :>90%

Formula :C<sub>34</sub>H<sub>36</sub>N<sub>4</sub>

M.W. :500.68 g/mol

Storage :2~8 °C



### LT-COF0016 | BMTA

5',5''-bis(4-aminophenyl)-2',2',4',4'',6'',6'''-hexamethyl-[1,1':3',1''':3''',1''''-quaterphenyl]-4,4'''-diamine

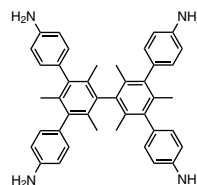
CAS No :2411406-16-9

Grade :>95%

Formula :C<sub>42</sub>H<sub>42</sub>N<sub>4</sub>

M.W. :602.81 g/mole

Storage :2~8 °C



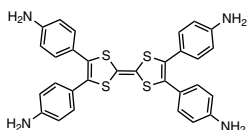


## Covalent Organic Frameworks (COF)

### LT-COF0017 | TTF-NH2

4,4',4'',4'''-([2,2'-bi(1,3-dithiolyldiene)]-4,4',5,5'-tetrayl) tetraaniline

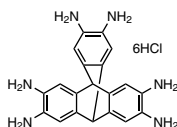
CAS No :2413296-69-0  
 Grade :>95%  
 Formula :C<sub>30</sub>H<sub>24</sub>N<sub>4</sub>S<sub>4</sub>  
 M.W. :568.80 g/mole  
 Storage :2~8 °C



### LT-COF0018 |

9,10[1',2']-Benzenoanthracene-2,3,6,7,14,15-hexamine, 9,10-dihydro-, hydrochloride (1.6)

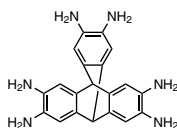
CAS No :1353682-29-7  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>26</sub>Cl<sub>6</sub>N<sub>6</sub>  
 M.W. :563.18 g/mole  
 Storage :2~8 °C



### LT-COF0019 |

2,3,6,7,14,15-Hexaaminotriptycene

CAS No :58519-07-6  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>20</sub>N<sub>6</sub>  
 M.W. :344.41 g/mole  
 Melting Point:181~184 °C(decomp)  
 Storage :2~8 °C



### LT-COF0020 | TASBF

9,9'-Spiro[9H-fluorene]-2,2',7,7'-tetramine

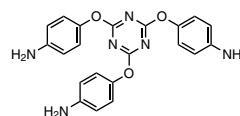
CAS No :376356-61-5  
 Grade :>95%  
 Formula :C<sub>25</sub>H<sub>20</sub>N<sub>4</sub>  
 M.W. :376.45 g/mole  
 Storage :2~8 °C



### LT-COF0021 | TPT-NH2

4,4',4'''-((1,3,5-Triazine-2,4,6-triyl)tris(oxy))trianiline

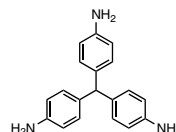
CAS No :22065-34-5  
 Grade :>95%  
 Formula :C<sub>21</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>  
 M.W. :402.41 g/mole  
 Boiling Point :711.5±70.0 °C  
 Density :1.398 g/cm<sup>3</sup>  
 Storage :2~8 °C



### LT-COF0022 | MTA

Tris(4-Aminophenyl)Methane

CAS No :548-61-8  
 Grade :>95%  
 Formula :C<sub>19</sub>H<sub>19</sub>N<sub>3</sub>  
 M.W. :289.37 g/mole  
 Boiling Point :540.9 °C at 760 mmHg  
 Density :1.208 g/cm<sup>3</sup>  
 Storage :2~8 °C

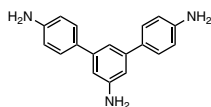


## Covalent Organic Frameworks (COF)

### LT-COF0023

[1,1':3',1''-terphenyl]-4,4'',5'-triamine

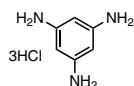
CAS No :220125-97-3  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>17</sub>N<sub>3</sub>  
 M.W. :275.35 g/mole



### LT-COF0024

benzene-1,3,5-triamine trihydrochloride

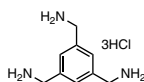
CAS No :638-09-5  
 Grade :>97%  
 Formula :C<sub>6</sub>H<sub>12</sub>Cl<sub>3</sub>N<sub>3</sub>  
 M.W. :232.54 g/mole  
 Boiling Point :440.9 °C at 760 mmHg  
 Storage :2~8 °C



### LT-COF0025

1,3,5-benzenetrimethanamine, hydrochloride (1:3)

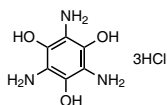
CAS No :69146-57-2  
 Grade :>98%  
 Formula :C<sub>9</sub>H<sub>18</sub>Cl<sub>3</sub>N<sub>3</sub>  
 M.W. :274.62 g/mole  
 Storage :2~8 °C



### LT-COF0026

1,3,5-Benzenetriol, 2,4,6-triamino-, hydrochloride (1:3)

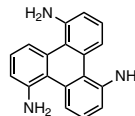
CAS No :2368852-01-9  
 Grade :>95%  
 Formula :C<sub>6</sub>H<sub>12</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 M.W. :280.54 g/mole  
 Storage :2~8 °C



### LT-COF0027

1,5,9-triphenylenetriamine

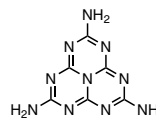
CAS No :371786-11-7  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>15</sub>N<sub>3</sub>  
 M.W. :273.33 g/mole  
 Storage :2~8 °C



### LT-COF0029

Melem

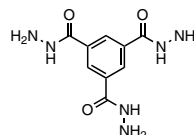
CAS No :1502-47-2  
 Grade :>97%  
 Formula :C<sub>6</sub>H<sub>6</sub>N<sub>10</sub>  
 M.W. :218.18 g/mole  
 Boiling Point :440.3 °C at 760 mmHg  
 Density :2.98 g/cm3  
 Storage :erature



### LT-COF0030

Benzene-1,3,5-Tricarbohydrazide

CAS No :36997-31-6  
 Grade :>97%  
 Formula :C<sub>9</sub>H<sub>12</sub>N<sub>6</sub>O<sub>3</sub>  
 M.W. :252.23 g/mole  
 Melting Point:300 °C (dec.)  
 Density :1.466 g/cm3  
 Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0031

$N_1, N_3, N_5$ -tris(4-aminophenyl)benzene-1,3,5-tricarboxamide

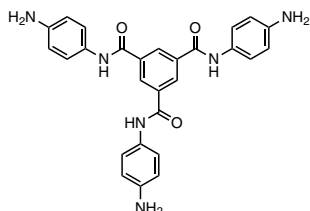
CAS No :205653-12-9

Grade :>98%

Formula : $C_{27}H_{24}N_6O_3$

M.W. :480.52 g/mole

Storage :2~8 °C



### LT-COF0032 iPrTAPB

1':3,1''-Terphenyl]-4,4''-diamine, 5'-[4-amino-3, ethylethyl

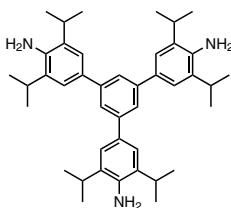
CAS No :1800490-20-3

Grade :>95%

Formula : $C_{42}H_{57}N_3$

M.W. :603.92 g/mole

Storage :2~8 °C



### LT-COF0033 TABPB

5''-(4'-Amino-[1,1'-biphenyl]-4-yl)-[1,1':4,1'':3'',1''':4''',1''''-quinquephenyl]-4,4''''-diamine

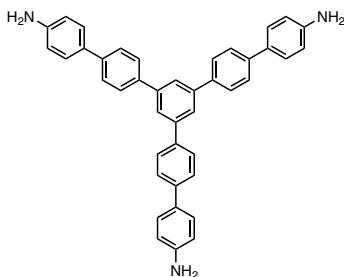
CAS No :1400987-00-9

Grade :>97%

Formula : $C_{42}H_{33}N_3$

M.W. :579.73 g/mole

Storage :2~8 °C



### LT-COF0034 Ttba

triamine [4,4',4''-(1,3,5-triazine-2,4,6-triyl) tris(1,1'-biphenyl) trianiline

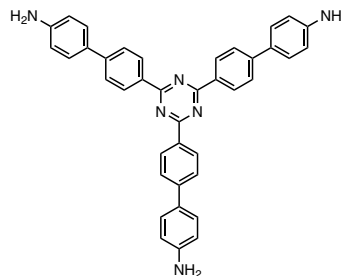
CAS No :2130745-76-3

Grade :>95%

Formula : $C_{39}H_{30}N_6$

M.W. :582.70 g/mole

Storage :2~8 °C



### LT-COF0035 TPAs-3NH2

$N_4, N_4$ -bis(4'-amino-[1,1'-biphenyl]-4-yl)-[1,1'-biphenyl]-4,4'-diamine

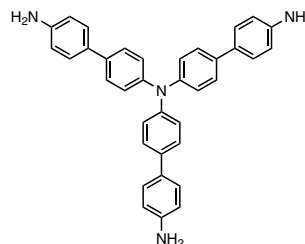
CAS No :2607105-89-3

Grade :>98%

Formula : $C_{36}H_{30}N_4$

M.W. :518.65 g/mole

Storage :2~8 °C



### LT-COF0036

5''-(4-carbamimidoylphenyl)-[1,1':3,1''-terphenyl]-4,4''-bis(carboximidamide),hydrochloride(1:3)

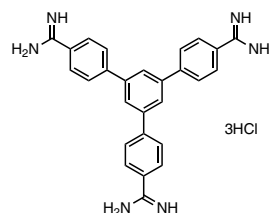
CAS No :2364456-55-1

Grade :>95%

Formula : $C_{27}H_{27}Cl_3N_6$

M.W. :541.90 g/mole

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0037 | TAE

4,4',4''-(1,3,5-benzenetriyl)tri-2,1-ethynediyl)tris-Benzenamine

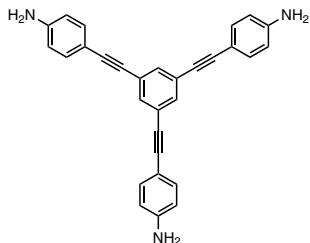
CAS No :326002-91-9

Grade :>95%

Formula :C<sub>30</sub>H<sub>21</sub>N<sub>3</sub>

M.W. :423.51 g/mole

Storage :2~8 °C



### LT-COF0038 | TAPT

(1,3,5-tris-(4-aminophenyl)triazine

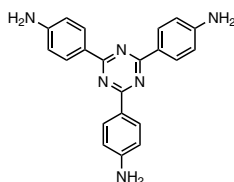
CAS No :14544-47-9

Grade :>98%

Formula :C<sub>21</sub>H<sub>18</sub>N<sub>6</sub>

M.W. :354.41 g/mole

Storage :2~8 °C



### LT-COF0039 | TAPA

Tris(4-aminophenyl)amine

CAS No :5981-09-9

Grade :>95%

Formula :C<sub>18</sub>H<sub>18</sub>N<sub>4</sub>

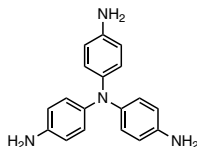
M.W. :290.36 g/mole

Boiling Point :571.3 °C at 760 mmHg

Melting Point:230 °C

Density :1.276 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0040 |

2,7,12-triamino-5H-Tribenzo[*a,f,k*]trindene-5,10,15-trione

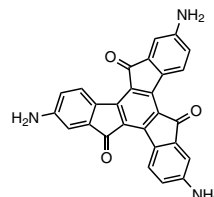
CAS No :209112-55-0

Grade :>95%

Formula :C<sub>27</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

M.W. :429.43 g/mole

Storage :2~8 °C



### LT-COF0041 |

1,4-Bis(3-Aminophenyl)Butadiyne

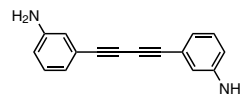
CAS No :31661-59-3

Grade :>97%

Formula :C<sub>16</sub>H<sub>12</sub>N<sub>2</sub>

M.W. :232.28 g/mol

Storage :2~8 °C



### LT-COF0042 | EDDA

4-[2-(4-Aminophenyl)ethynyl]aniline

CAS No :6052-15-9

Grade :>97%

Formula :C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>

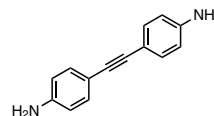
M.W. :208.26 g/mole

Boiling Point :429.7 °C at 760 mmHg

Melting Point:238~242 °C

Density :1.2 g/cm<sup>3</sup>

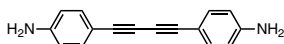
Storage :2~8 °C



## LT-COF0043 | BDDA

4,4'-(buta-1,3-diyne-1,4-diyl)dianiline

CAS No :30405-78-8  
 Grade :>95%  
 Formula : $C_{16}H_{12}N_2$   
 M.W. :232.28 g/mole  
 Storage :2~8 °C



## LT-COF0044 |

1,1'-Diethyl-1H,1'H-2,2'-biimidazole

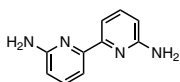
CAS No :37572-50-2  
 Grade :>95%  
 Formula : $C_{10}H_{14}N_4$   
 M.W. :190.25 g/mole



## LT-COF0045 |

2,2'-Bipyridine-6,6'-Diamine

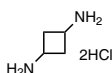
CAS No :93127-75-4  
 Grade :>95%  
 Formula : $C_{10}H_{10}N_4$   
 M.W. :186.21 g/mole  
 Boiling Point :445.91 °C at 760 mmHg  
 Melting Point:186 °C  
 Density :1.278 g/cm3  
 Storage :2~8 °C



## LT-COF0046 |

Cyclobutane-1,3-diamine dihydrochloride

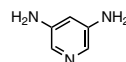
CAS No :1523571-90-5  
 Grade :>97%  
 Formula : $C_4H_{12}Cl_2N_2$   
 M.W. :159.05 g/mole



## LT-COF0047 |

3,5-Diaminopyridine

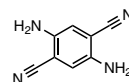
CAS No :4318-78-9  
 Grade :>97%  
 Formula : $C_5H_7N_3$   
 M.W. :109.13 g/mole



## LT-COF0048 |

2,5-Diaminoterephthalonitrile

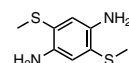
CAS No :75636-88-3  
 Grade :>95%  
 Formula : $C_8H_6N_4$   
 M.W. :158.16 g/mole



## LT-COF0049 |

2,5-Bis(methylthio)benzene-1,4-diamine

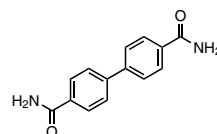
CAS No :1678513-93-3  
 Grade :>95%  
 Formula : $C_8H_{12}N_2S_2$   
 M.W. :200.32 g/mole  
 Storage :2~8 °C



## LT-COF0050 |

[1,1'-Biphenyl]-4,4'-dicarboxamide

CAS No :46902-08-3  
 Grade :>97%  
 Formula : $C_{14}H_{12}N_2O_2$   
 M.W. :240.26 g/mole



## Covalent Organic Frameworks (COF)

### LT-COF0051 | Bpy

[2,2'-Bipyridine]-5,5'-diamine

CAS No :52382-48-6

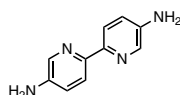
Grade :>98%

Formula :C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :186.21 g/mole

Melting Point:205~206 °C

Storage :2~8 °C



### LT-COF0052

5,6-Diamino-1,10-phenanthroline

CAS No :168646-54-6

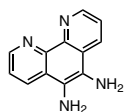
Grade :>98%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :210.23 g/mole

Boiling Point :492.661 °C at 760 mmHg

Density :1.414 g/cm<sup>3</sup>



### LT-COF0053

2',5'-dimethyl-[1,1':4,1''-terphenyl]-4,4''-diamine

CAS No :152219-88-0

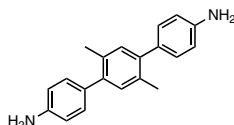
Grade :>98%

Formula :C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>

M.W. :288.39 g/mole

Melting Point:195~196 °C

Storage :2~8 °C



### LT-COF0054

P,P'-Diaminoquaterphenyl

CAS No :53693-67-7

Grade :>95%

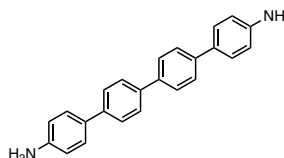
Formula :C<sub>24</sub>H<sub>20</sub>N<sub>2</sub>

M.W. :336.43 g/mole

Boiling Point :590.7 °C at 760 mmHg

Density :1.16 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0055

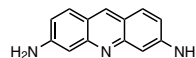
3,6-Acridinediamine

CAS No :92-62-6

Grade :>98%

Formula :C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>

M.W. :209.25 g/mole



### LT-COF0056

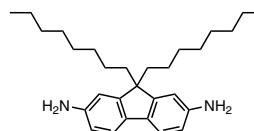
9,9-Dioctyl-9H-fluorene-2,7-diamine

CAS No :851042-10-9

Grade :>98%

Formula :C<sub>29</sub>H<sub>44</sub>N<sub>2</sub>

M.W. :420.67 g/mole



### LT-COF0057 | DABBT

Benzo[1,2-d:4,5-d']bisthiazole-2,6-diamine

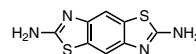
CAS No :16162-28-0

Grade :>95%

Formula :C<sub>8</sub>H<sub>6</sub>N<sub>4</sub>S<sub>2</sub>

M.W. :222.29 g/mole

Storage :2~8 °C



## LT-COF0058

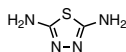
1,3,4-Thiadiazole-2,5-diamine

CAS No :2937-81-7

Grade :>95%

Formula :C<sub>2</sub>H<sub>4</sub>N<sub>4</sub>S

M.W. :116.15 g/mole



## LT-COF0059

4,4',4'',4'''-Methanetetrayltetraphenol

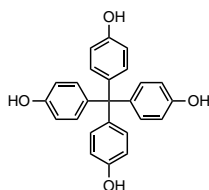
CAS No :53184-78-4

Grade :>95%

Formula :C<sub>25</sub>H<sub>20</sub>O<sub>4</sub>

M.W. :384.42 g/mol

Storage :2~8 °C



## LT-COF0060

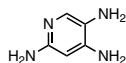
Pyridine-2,4,5-triamine

CAS No :23244-87-3

Grade :>97%

Formula :C<sub>5</sub>H<sub>8</sub>N<sub>4</sub>

M.W. :124.14 g/mole



## LT-COF0061

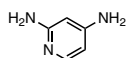
Pyridine-2,4-diamine

CAS No :461-88-1

Grade :>97%

Formula :C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :109.13 g/mole



## LT-COF0062

1,3,5-Triazine-2,4-diamine

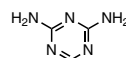
CAS No :504-08-5

Grade :>97%

Formula :C<sub>3</sub>H<sub>3</sub>N<sub>3</sub>

M.W. :111.11 g/mole

Storage :2~8 °C



## LT-COF0063

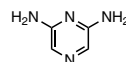
2,6-Pyrazinediamine

CAS No :41536-80-5

Grade :>97%

Formula :C<sub>4</sub>H<sub>6</sub>N<sub>4</sub>

M.W. :110.12 g/mole



## LT-COF0064

2,5-Dibromobenzene-1,4-diamine

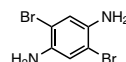
CAS No :25462-61-7

Grade :>98%

Formula :C<sub>6</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>

M.W. :265.93 g/mole

Storage :2~8 °C



## LT-COF0065

2,5-diamino-1,4-dihydroxybenzene dihydrochloride

CAS No :24171-03-7

Grade :>98%

Formula :C<sub>6</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

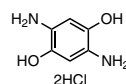
M.W. :213.06 g/mole

Boiling Point :378.4 °C at 760 mmHg

Melting Point :>300 °C

Density :1.542 g/cm<sup>3</sup>

Storage :2~8 °C

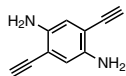


## Covalent Organic Frameworks (COF)

### LT-COF0066

2,5-Diethynylbenzene-1,4-diamine

CAS No :1141727-54-9  
Grade :>97%  
Formula :C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>  
M.W. :156.18 g/mole  
Storage :2~8 °C



### LT-COF0067

2,6-Diaminopyridine 1-oxide

CAS No :146538-81-0  
Grade :>97%  
Formula :C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>O  
M.W. :125.13 g/mole

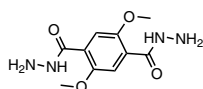


### LT-COF0068

DHzOMe

2,5-dimethoxyterephthalohydrazide

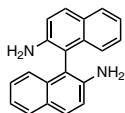
CAS No :114503-42-3  
Grade :>98%  
Formula :C<sub>10</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>  
M.W. :254.24 g/mole  
Storage :2~8 °C



### LT-COF0069

[1,1'-Binaphthalene]-2,2'-diamine

CAS No :4488-22-6  
Grade :>99%  
Formula :C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. :284.35 g/mole

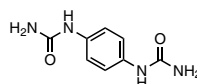


### LT-COF0070

BDU

1,1'-(1,4-phenylene)diurea

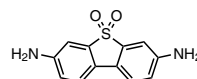
CAS No :1205-90-9  
Grade :>98%  
Formula :C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>  
M.W. :194.19 g/mole  
Storage :2~8 °C



### LT-COF0071

5,5-dioxodibenzothiophene-3,7-diamine

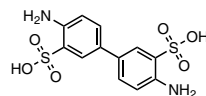
CAS No :6259-19-4  
Grade :>98%  
Formula :C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S  
M.W. :246.29 g/mole  
Storage :2~8 °C



### LT-COF0072

4,4'-Diaminobiphenyl-3,3'-disulfonic acid

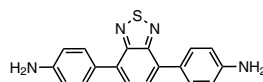
CAS No :3365-90-0  
Grade :>97%  
Formula :C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
M.W. :344.36 g/mole  
Density :1.681 g/cm<sup>3</sup>  
Storage :erature



### LT-COF0073

4,4'-(2,1,3-Benzothiadiazole-4,7-diyl)bisbenzeneamine

CAS No :1203707-77-0  
Grade :>98%  
Formula :C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>S  
M.W. :318.4 g/mole  
Storage :2~8 °C





## Covalent Organic Frameworks (COF)

### LT-COF0074 | DHZDAll

2,5-Bis(allyloxy)terephthalohydrazide

CAS No :2227151-69-9

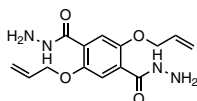
Grade :>97%

Formula :C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :306.32 g/mole

Density :1.231 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0075 | 2,5-DHTH

2,5-Dihydroxyterephthalohydrazide

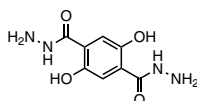
CAS No :2245708-24-9

Grade :>98%

Formula :C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :226.19 g/mole

Storage :2~8 °C



### LT-COF0076 | 2,3-DHTH

2,3-Dihydroxyterephthalohydrazide

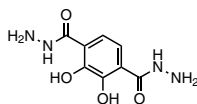
CAS No :887576-09-2

Grade :>95%

Formula :C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :226.19 g/mole

Storage :2~8 °C



### LT-COF0077 | DETHz

2,5-Diethoxyterephthalohydrazide

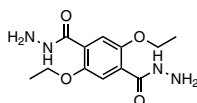
CAS No :1136292-71-1

Grade :>97%

Formula :C<sub>12</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :282.30 g/mole

Storage :2~8 °C



### LT-COF0078 | DHzDS

2,5-Bis(4-thiahexane-1-yloxy)benzene-1,4-biscarbohydrazide

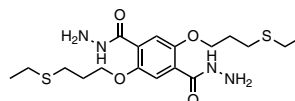
CAS No :1591732-98-7

Grade :>98%

Formula :C<sub>18</sub>H<sub>30</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>

M.W. :430.59 g/mole

Storage :2~8 °C



### LT-COF0079 |

2,2'-Dinitrobenzidine

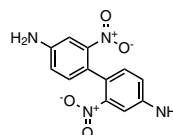
CAS No :5855-71-0

Grade :>95%

Formula :C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :274.23 g/mole

Storage :2~8 °C



### LT-COF0080 |

4,4'-(1,3,4-thiadiazole-2,5-diyl)dianiline

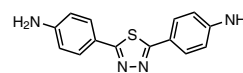
CAS No :2642-62-8

Grade :>99%

Formula :C<sub>14</sub>H<sub>12</sub>N<sub>4</sub>S

M.W. :268.34 g/mole

Storage :2~8 °C



### LT-COF0081 |

2',5'-bis(ethylthio)methyl)-[1,1':4',1''-terphenyl]-4,4''-diamine

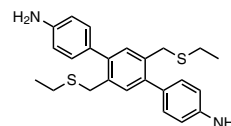
CAS No :2231404-37-6

Grade :>95%

Formula :C<sub>24</sub>H<sub>28</sub>N<sub>2</sub>S<sub>2</sub>

M.W. :408.62 g/mole

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0082

Dipyrido[3,2-a:2',3'-c]phenazine

CAS No :19535-47-8

Grade :>98%

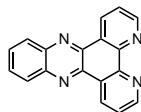
Formula :C<sub>18</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :282.30 g/mole

Boiling Point :573.9±20.0 °C

Melting Point:254~255 °C

Density :1.420±0.06 g/cm<sup>3</sup>



### LT-COF0083

TPB

N<sub>1</sub>,N<sub>1</sub>'-([1,1'-Biphenyl]-4,4'-diyl)bis(N<sub>1</sub>-(4-methoxyphenyl)benzene-1,4-diamine)

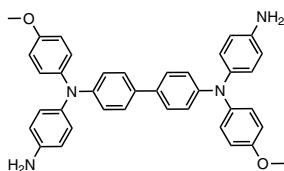
CAS No :1299494-47-5

Grade :>98%

Formula :C<sub>38</sub>H<sub>34</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :578.70 g/mole

Storage :2~8 °C



### LT-COF0084

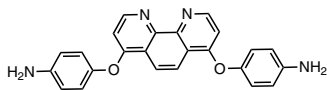
4,4'-((1,10-Phenanthroline-4,7-diyl)bis(oxy)dianiline

CAS No :1358622-75-9

Grade :>95%

Formula :C<sub>24</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :394.43 g/mole



### LT-COF0085

DMBDU

1,1'-(3,3'-dimethyl-[1,1'-biphenyl]-4,4'-diyl)diurea

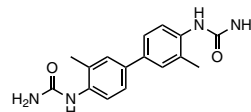
CAS No :2251763-73-0

Grade :>95%

Formula :C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>

M.W. :298.34 g/mole

Storage :2~8 °C



### LT-COF0086

4-[10-(4-Aminophenyl)anthracen-9-yl]aniline

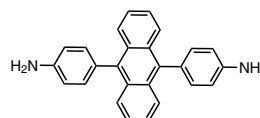
CAS No :106704-35-2

Grade :>95%

Formula :C<sub>26</sub>H<sub>20</sub>N<sub>2</sub>

M.W. :360.45 g/mole

Storage :2~8 °C



### LT-COF0087

2,5-Diaminopyridine

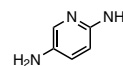
CAS No :4318-76-7

Grade :>95%

Formula :C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>

M.W. :109.13 g/mole

Storage :2~8 °C

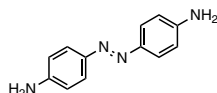


## Covalent Organic Frameworks (COF)

### LT-COF0088

4,4'-Azodianiline

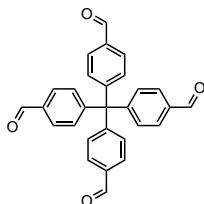
CAS No :538-41-0  
 Grade :>95%  
 Formula : $C_{12}H_{12}N_4$   
 M.W. :212.25 g/mole  
 Boiling Point :428.5 °C at 760 mmHg  
 Melting Point:245 °C  
 Density :1.23 g/cm3  
 Storage :2~8 °C



### LT-COF0089

Tetrakis(4-formylphenyl)methane

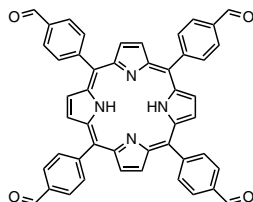
CAS No :617706-61-3  
 Grade :>95%  
 Formula : $C_{20}H_{16}O_4$   
 M.W. :432.47 g/mole  
 Storage :2~8 °C



### LT-COF0090

p-Por-CHO  
 4,4',4'',4'''-(21H,23H-Porphine-5,10,15,20-tetrayl)  
 tetrakis[benzaldehyde]

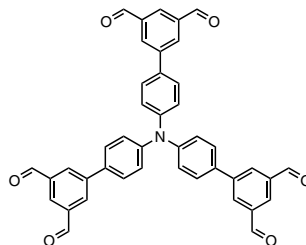
CAS No :150805-46-2  
 Grade :>95%  
 Formula : $C_{48}H_{30}N_4O_4$   
 M.W. :726.78 g/mole  
 Storage :2~8 °C



### LT-COF0091

TPA-6CHO  
 4',4''',4''''-Nitrilotris((1,1'-biphenyl)-3,5-dicarbaldehyde)

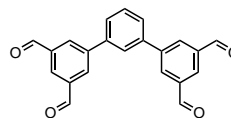
CAS No :2030105-85-0  
 Grade :>95%  
 Formula : $C_{42}H_{27}NO_6$   
 M.W. :641.60 g/mole  
 Storage :2~8 °C



### LT-COF0092

[1,1':3',1-terphenyl]-3,3,5,5-tetracarbaldehyde

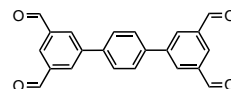
CAS No :201734-76-1  
 Grade :>95%  
 Formula : $C_{22}H_{14}O_4$   
 M.W. :342.34 g/mole  
 Storage :2~8 °C



### LT-COF0093

[1,1':4',1''-terphenyl]-3,3',5,5''-tetracarbaldehyde

CAS No :2380275-62-5  
 Grade :>95%  
 Formula : $C_{22}H_{14}O_4$   
 M.W. :342.34 g/mole  
 Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0094

5,5'-(benzo[c][1,2,5]thiadiazole-4,7-diyl)diisophthalaldehyde

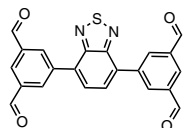
CAS No :2379454-98-3

Grade :>95%

Formula :C<sub>22</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S

M.W. :400.41 g/mole

Storage :2~8 °C



### LT-COF0095 TFBP

1,2,4,5-Tetrakis-(4-formylphenyl)benzene

CAS No :883835-33-4

Grade :>95%

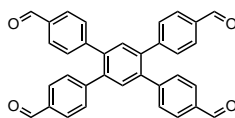
Formula :C<sub>34</sub>H<sub>22</sub>O<sub>4</sub>

M.W. :494.54 g/mole

Boiling Point :678.4±55.0 °C

Density :1.244±0.06 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0096 TFDB

4,5'-bis(4-formylphenyl)-3',6'-dimethyl-[1,1':2',1''-terphenyl]-4,4''-dicarbaldehyde

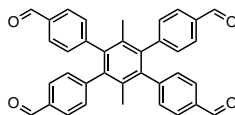
CAS No :2363716-37-2

Grade :>95%

Formula :C<sub>36</sub>H<sub>26</sub>O<sub>4</sub>

M.W. :522.59 g/mole

Storage :2~8 °C



### LT-COF0097

4'',5''-bis(4'-formyl-[1,1'-biphenyl]-4-yl)-[1,1':4',1'':2'',1'''-4''',1''''-quinquephenyl]-4,4''''-dicarbaldehyde

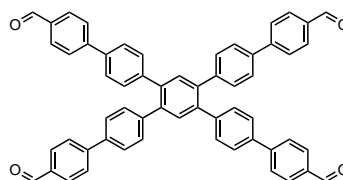
CAS No :2376339-70-5

Grade :>98%

Formula :C<sub>58</sub>H<sub>38</sub>O<sub>4</sub>

M.W. :798.92 g/mole

Storage :2~8 °C



### LT-COF0098 HFPB

Hexa(4-formylphenyl)benzene

CAS No :1862220-96-9

Grade :>97%

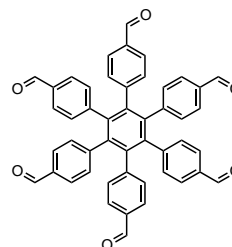
Formula :C<sub>48</sub>H<sub>30</sub>O<sub>6</sub>

M.W. :702.75 g/mole

Boiling Point :743.1±60.0 °C

Density :1.275±0.06 g/cm<sup>3</sup>

Storage :2~8 °C



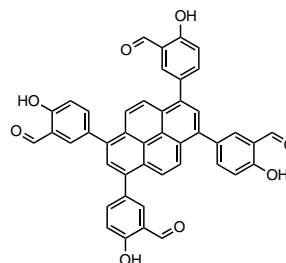
### LT-COF0099

5,5',5'''-(pyrene-1,3,6,8-tetrayl)tetrakis(2-hydroxybenzaldehyde)

Grade :>95%

Formula :C<sub>44</sub>H<sub>26</sub>O<sub>8</sub>

M.W. :682.67 g/mole

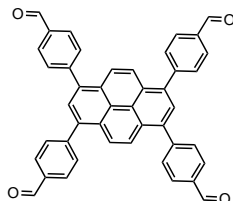


## Covalent Organic Frameworks (COF)

### LT-COF0100 | TFPPy

1,3,6,8-Tetrakis(4-formylphenyl)pyrene

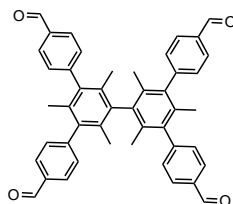
CAS No :1415238-25-3  
 Grade :>95%  
 Formula : $C_{44}H_{26}O_4$   
 M.W. :618.67 g/mole  
 Storage :2~8 °



### LT-COF0101 | TFBM

3,3',5,5'-Tetrakis(4-formylphenyl)bimesityl

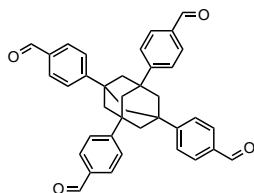
CAS No :868046-55-3  
 Grade :>95%  
 Formula : $C_{46}H_{38}O_4$   
 M.W. :654.79 g/mole  
 Storage :2~8 °C



### LT-COF0102 | TFPA

1,3,5,7-tetrakis(4-formylphenyl)adamantane

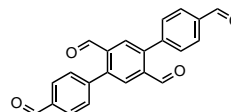
CAS No :645401-15-6  
 Grade :>95%  
 Formula : $C_{38}H_{32}O_4$   
 M.W. :552.66 g/mole  
 Storage :2~8 °C



### LT-COF0103 |

[1,1':4,1''-Terphenyl]-2',4,4'',5'-tetracarbaldehyde

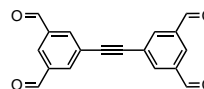
CAS No :1985610-10-3  
 Grade :>95%  
 Formula : $C_{22}H_{14}O_4$   
 M.W. :342.34 g/mole  
 Storage :2~8 °C



### LT-COF0104 |

5,5'-(ethyne-1,2-diyl)diisophthalaldehyde

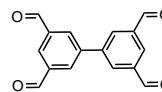
CAS No :2237965-02-3  
 Grade :>95%  
 Formula : $C_{18}H_{10}O_4$   
 M.W. :290.27 g/mole  
 Storage :2~8 °C



### LT-COF0105 | BTA

biphenyl-3,3',5,5'-tetracarbaldehyde

CAS No :150443-85-9  
 Grade :>98%  
 Formula : $C_{16}H_{10}O_4$   
 M.W. :266.25 g/mole  
 Storage :2~8 °C

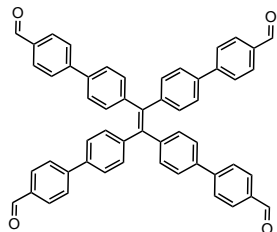


## Covalent Organic Frameworks (COF)

### LT-COF0106 | TPE-Ph-CHO

4-[4-[1,2,2-tris[4-(4-formylphenyl)phenyl]ethenyl]phenyl]benzaldehyde

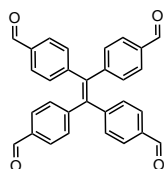
CAS No :1624970-54-2  
 Grade :>97%  
 Formula :C<sub>54</sub>H<sub>36</sub>O<sub>4</sub>  
 M.W. :748.86 g/mole  
 Storage :2~8 °C



### LT-COF0107 | ETBA

4,4',4'',4'''-(ethene-1,1,2,2-tetrayl)tetrabenzaldehyde

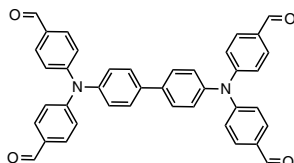
CAS No :2170451-48-4  
 Grade :>97%  
 Formula :C<sub>30</sub>H<sub>20</sub>O<sub>4</sub>  
 M.W. :444.48 g/mole  
 Storage :2~8 °C



### LT-COF0108 | BDTB

N,N,N',N'-Tetra(4-formylphenyl)benzidine

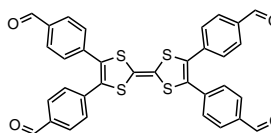
CAS No :865448-72-2  
 Grade :>95%  
 Formula :C<sub>40</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>  
 M.W. :600.66 g/mole  
 Boiling Point :817.5±65.0 °C  
 Melting Point:181~182 °C  
 Density :1.295±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C



### LT-COF0109 | 4ATTF

4,4'-[2-[4,5-Bis(4-formylphenyl)-1,3-dithiol-2-ylidene]-1,3-dithiole-4,5-diyl]bis[benzaldehyde]

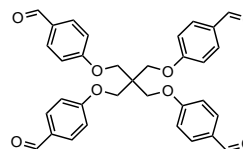
CAS No :1639134-02-3  
 Grade :>95%  
 Formula :C<sub>34</sub>H<sub>20</sub>O<sub>4</sub>S<sub>4</sub>  
 M.W. :620.78 g/mole  
 Storage :~8 °C



### LT-COF0110 | BFPB

4-[2,2-Bis[(4-formylphenoxy)methyl]-3-(4-formylphenoxy)propoxy]benzaldehyde

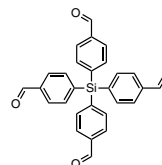
CAS No :381670-43-5  
 Grade :>95%  
 Formula :C<sub>33</sub>H<sub>28</sub>O<sub>8</sub>  
 M.W. :552.57 g/mole  
 Storage :2~8 °C



### LT-COF0111 | TFPS

tetrakis(4-formylphenyl)silane

CAS No :1055999-34-2  
 Grade :>95%  
 Formula :C<sub>28</sub>H<sub>20</sub>O<sub>4</sub>Si  
 M.W. :448.54 g/mole  
 Melting Point:200~202 °C  
 Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0112 | C-THBA

4',4''',4''''',4''''''-methanetetrayltetrakis(4-hydroxy-[1,1'-biphenyl]-3-carbaldehyde)

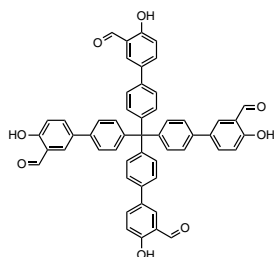
CAS No :1352578-30-3

Grade :>95%

Formula :C<sub>53</sub>H<sub>36</sub>O<sub>8</sub>

M.W. :800.85 g/mole

Storage :2~8 °C



### LT-COF0113 | HFPTP

4,4',4'',4''',4''''',4''''''-(triphenylene-2,3,6,7,10,11-hexyl)hexabenzaldehyde

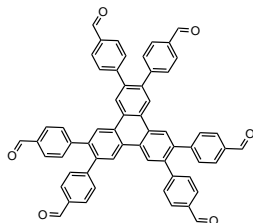
CAS No :2377615-30-8

Grade :>95%

Formula :C<sub>60</sub>H<sub>36</sub>O<sub>6</sub>

M.W. :852.92 g/mole

Storage :2~8 °C



### LT-COF0114 |

4,4',4'',4''',4''''',4''''''-(9,10-dihydro-9,10-[1,2]benzenoanthracene-2,3,6,7,14,15-hexyl)hexabenzaldehyde

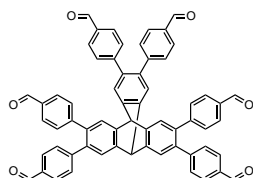
CAS No :1835723-12-0

Grade :>95%

Formula :C<sub>62</sub>H<sub>38</sub>O<sub>6</sub>

M.W. :878.96 g/mole

Storage :2~8 °C



### LT-COF0115 |

4,4'-dihydroxy-[1,1'-Biphenyl]-3,3',5,5'-tetracarboxaldehyde

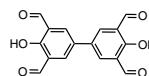
CAS No :286385-47-5

Grade :>95%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>6</sub>

M.W. :298.25 g/mole

Storage :2~8 °C



### LT-COF0116 | NTBCA

4',4''',4'''''-Nitrilotris((1,1'-biphenyl)-4-carbaldehyde)

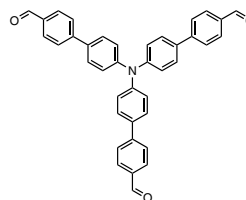
CAS No :872689-79-7

Grade :>98%

Formula :C<sub>39</sub>H<sub>27</sub>NO<sub>3</sub>

M.W. :557.64 g/mole

Storage :2~8 °C



### LT-COF0117 | TABPT

4',4''',4'''''-((1,3,5-triazine-2,4,6-triyl)tris((1,1'-biphenyl)-4-carbaldehyde))

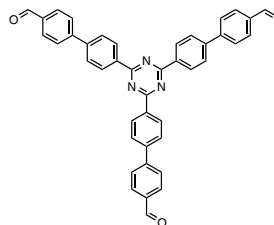
CAS No :1221509-80-3

Grade :>95%

Formula :C<sub>42</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>

M.W. :621.68 g/mole

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0118 | TFBPB

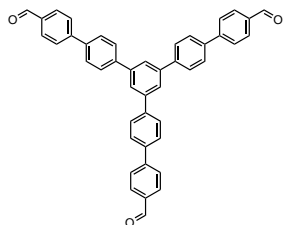
5'-(4'-Formyl-[1,1'-biphenyl]-4-yl)-[1,1':4',1'':3'',1''':4''',1''''-quinquephenyl]-4,4''''-dicarbaldehyde

CAS No :805246-78-0

Grade :>98%

Formula :C<sub>45</sub>H<sub>30</sub>O<sub>3</sub>

M.W. :618.72 g/mole



### LT-COF0119 | BTPA

5,5'-(5-(5-Formylpyridin-2-yl)-1,3-phenylene) dipicolinaldehyde

CAS No :1482413-54-6

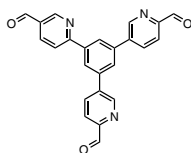
Grade :>95%

Formula :C<sub>24</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

M.W. :393.39 g/mole

Boiling Point :624.0±55.0 °C

Density :1.311±0.06 g/cm<sup>3</sup>



### LT-COF0120 | TPP-3CHO

4,4',4''-(pyridine-2,4,6-triyl)tribenzaldehyde

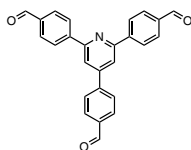
CAS No :2230887-26-8

Grade :>95%

Formula :C<sub>26</sub>H<sub>17</sub>NO<sub>3</sub>

M.W. :391.42 g/mole

Storage :2~8 °C



### LT-COF0121 |

1,3,5-tris(3-fluoro-4-formylphenyl)benzene

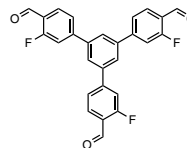
CAS No :2088007-04-7

Grade :>95%

Formula :C<sub>27</sub>H<sub>15</sub>F<sub>3</sub>O<sub>3</sub>

M.W. :444.40 g/mole

Storage :2~8 °C



### LT-COF0122 | THB

5'-(3-Formyl-4-hydroxyphenyl)-4,4''-dihydroxy[1,1':3',1''-terphenyl]-3,3''-dicarboxaldehyde

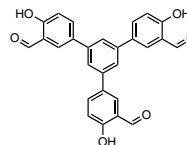
CAS No :1222784-84-0

Grade :>95%

Formula :C<sub>27</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :438.43 g/mole

Storage :2~8 °C



### LT-COF0123 | TTFB

5'-(4-Formylphenyl)-2',4',6'-trimethyl-[1,1':3',1''-terphenyl]-4,4''-dicarbaldehyde

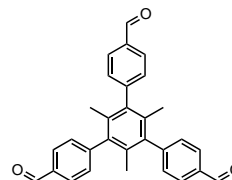
CAS No :2195343-70-3

Grade :>95%

Formula :C<sub>30</sub>H<sub>24</sub>O<sub>3</sub>

M.W. :432.51 g/mole

Storage :2~8 °C





## Covalent Organic Frameworks (COF)

### LT-COF0124 | TPT-CHO

Tri(4-formacylphenoxy)-1,3,5-triazine

CAS No :3140-75-8

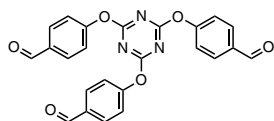
Grade :>95%

Formula :C<sub>24</sub>H<sub>15</sub>N<sub>3</sub>O<sub>6</sub>

M.W. :441.39 g/mole

Melting Point:174~176 °C

Storage :2~8 °C



### LT-COF0125 | TFPT

4,4',4''-(1,3,5-Triazine-2,4,6-Triyl)Tris-Benzaldehyde

CAS No :443922-06-3

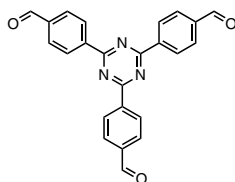
Grade :>97%

Formula :C<sub>24</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

M.W. :393.39 g/mole

Melting Point:>300 °C

Storage :2~8 °C



### LT-COF0126 | BTT

Benzo[1,2-b:3,4-b':5,6-b'']trithiophene-2,5,8-tricarbaldehyde

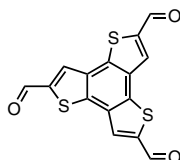
CAS No :2243590-42-1

Grade :>97%

Formula :C<sub>15</sub>H<sub>6</sub>O<sub>3</sub>S<sub>3</sub>

M.W. :330.40 g/mole

Storage :2~8 °C



### LT-COF0127 |

4,4',4''-(1H-Benzo[d]imidazole-2,4,7-triyl)tribenzaldehyde

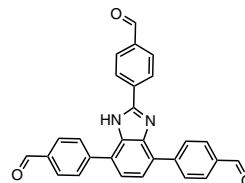
CAS No :2042699-72-7

Grade :>95%

Formula :C<sub>28</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>

M.W. :430.45 g/mole

Storage :2~8 °C



### LT-COF0128 |

3,5-bis-(p-formylphenyl)-benzaldehyde

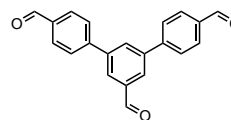
CAS No :1977585-07-1

Grade :>95%

Formula :C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>

M.W. :314.33 g/mole

Storage :2~8 °C



### LT-COF0129 |

4,4',4''-[Benzene-1,3,5-triyltris(ethyne-2,1-diyl)]tribenzaldehyde

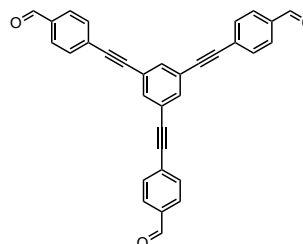
CAS No :2289758-98-9

Grade :>95%

Formula :C<sub>33</sub>H<sub>18</sub>O<sub>3</sub>

M.W. :462.49 g/mole

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0130

4,4',4''-(benzene-1,3,5-triyltris(ethyne-2,1-diyl))tris(2-hydroxybenzaldehyde)

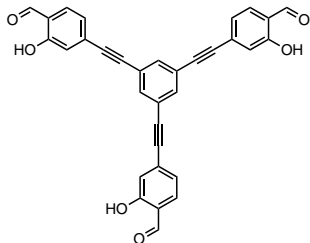
CAS No :2415867-40-0

Grade :>95%

Formula :C<sub>33</sub>H<sub>18</sub>O<sub>6</sub>

M.W. :510.49 g/mole

Storage :2~8 °C



### LT-COF0131 TFPB

1,3,5-Tris(4-formylphenyl)benzene

CAS No :118688-53-2

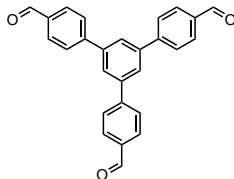
Grade :>97%

Formula :C<sub>27</sub>H<sub>18</sub>O<sub>3</sub>

M.W. :390.43 g/mole

Melting Point:248.0to252.0 °C

Storage :2~8 °C



### LT-COF0132

5-(4-formylphenyl)isophthalaldehyde

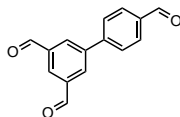
CAS No :187281-19-2

Grade :>95%

Formula :C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>

M.W. :238.24 g/mole

Storage :2~8 °C



### LT-COF0133 BTC

Benzene-1,3,5-Tricarbaldehyde

CAS No :3163-76-6

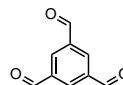
Grade :>98%

Formula :C<sub>6</sub>H<sub>3</sub>O<sub>3</sub>

M.W. :162.14 g/mole

Melting Point:156~161 °C

Storage :2~8 °C



### LT-COF0134

2,4,6-Trichlorobenzene-1,3,5-tricarbaldehyde

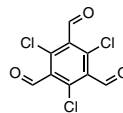
CAS No :14222-98-1

Grade :>97%

Formula :C<sub>9</sub>H<sub>3</sub>Cl<sub>3</sub>O<sub>3</sub>

M.W. :265.48 g/mole

Storage :2~8 °C



### LT-COF0135

2,4-Dihydroxybenzene-1,3,5-tricarbaldehyde

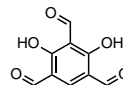
CAS No :58343-11-6

Grade :>97%

Formula :C<sub>9</sub>H<sub>6</sub>O<sub>5</sub>

M.W. :194.14 g/mole

Storage :2~8 °C



## LT-COF0136 | TFP

1,3,5-Triformylphloroglucinol

CAS No :34374-88-4

Grade :>95%

Formula :C<sub>9</sub>H<sub>6</sub>O<sub>6</sub>

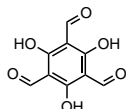
M.W. :210.14 g/mole

Boiling Point :233.8±40.0 °C(760Torr)

Melting Point:199~200 °C

Density :1.755±0.06 g/cm<sup>3</sup>

Storage :2~8 °C



## LT-COF0137

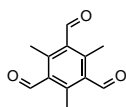
2,4,6-Trimethyl-1,3,5-benzenetricarbaldehyde

CAS No :119198-88-8

Grade :>95%

Formula :C<sub>12</sub>H<sub>12</sub>O<sub>3</sub>

M.W. :204.22 g/mole



## LT-COF0138 | TFP

2-Hydroxybenzene-1,3,5-tricarbaldehyde

CAS No :81502-74-1

Grade :>96%

Formula :C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>

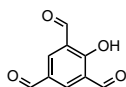
M.W. :178.14 g/mole

Boiling Point :282.9 °C at 760 mmHg

Melting Point:179 °C

Density :1.449 g/cm<sup>3</sup>

Storage :2~8 °C



## LT-COF0139 | TPOME

2,4,6-Trimethoxy-1,3,5-benzenetricarbaldehyde

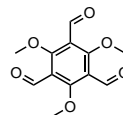
CAS No :680575-17-1

Grade :>97%

Formula :C<sub>12</sub>H<sub>12</sub>O<sub>6</sub>

M.W. :252.22 g/mole

Storage :2~8 °C



## LT-COF0140

1,3,5-Tris[(5-tert-butyl-3-formyl-4-hydroxyphenyl)ethynyl]benzene

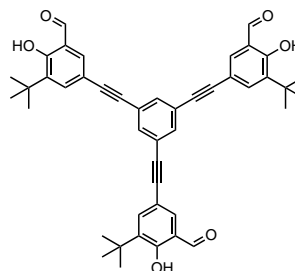
CAS No :705930-83-2

Grade :>95%

Formula :C<sub>45</sub>H<sub>42</sub>O<sub>6</sub>

M.W. :678.81 g/mole

Storage :2~8 °C



## LT-COF0141 | PDB

2,9-bis[*p*-(formyl)phenyl]-1,10-phenanthroline

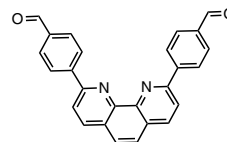
CAS No :120085-99-6

Grade :>97%

Formula :C<sub>26</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :388.42 g/mole

Storage :2~8 °C

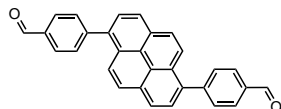


## Covalent Organic Frameworks (COF)

### LT-COF0142

4,4'-(pyrene-1,6-diyl)dibenzaldehyde

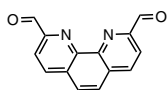
CAS No :2243312-96-9  
 Grade :>95%  
 Formula :C<sub>30</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :410.46 g/mole  
 Storage :2~8 °C



### LT-COF0143

[1,10]Phenanthroline-2,9-Dicarbaldehyde

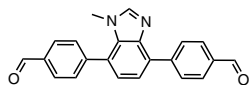
CAS No :57709-62-3  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :236.22 g/mole  
 Storage :2~8 °C



### LT-COF0144

4,4'-(1-methyl-1H-benzo[d]imidazole-4,7-diyl)dibenzaldehyde

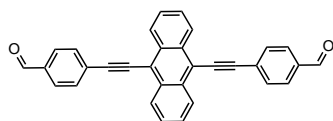
CAS No :2092907-94-1  
 Grade :>97%  
 Formula :C<sub>22</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :340.37 g/mole  
 Storage :2~8 °C



### LT-COF0145

9,10-Bis(4-formylphenylethynyl)anthracene

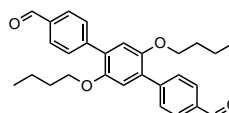
CAS No :1361119-48-3  
 Grade :>95%  
 Formula :C<sub>32</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :434.48 g/mole  
 Storage :2~8 °C



### LT-COF0146

[2',5'-Dibutoxy-[1,1':4',1''-terphenyl]-4,4''-dicarbaldehyde]

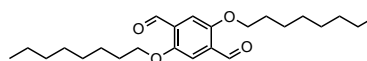
CAS No :1501954-20-6  
 Grade :>95%  
 Formula :C<sub>28</sub>H<sub>30</sub>O<sub>4</sub>  
 M.W. :430.54 g/mole  
 Storage :2~8 °C



### LT-COF0147

2,5-Bis(octyloxy)terephthaldehyde

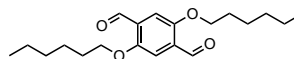
CAS No :123440-34-6  
 Grade :>97%  
 Formula :C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>  
 M.W. :390.56 g/mole  
 Boiling Point :529.2±50.0 °C  
 Melting Point:76~79 °C (lit.)  
 Density :0.996±0.06 g/cm3  
 Storage :2~8 °C



### LT-COF0148

2,5-Bis(Hexyloxy)Terephthaldehyde

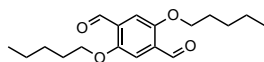
CAS No :151903-52-5  
 Grade :>97%  
 Formula :C<sub>20</sub>H<sub>30</sub>O<sub>4</sub>  
 M.W. :334.45 g/mole  
 Storage :2~8 °C



## LT-COF0149

2,5-bis(pentyloxy)terephthalaldehyde

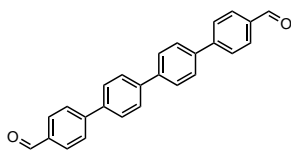
CAS No :278186-49-5  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>26</sub>O<sub>4</sub>  
 M.W. :306.40 g/mole  
 Storage :2~8 °C



## LT-COF0150

[1,1':4',1'':4'',1''':-quaterphenyl]-4,4''-dicarbaldehyde

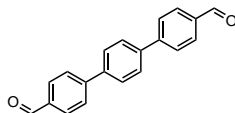
CAS No :857412-06-7  
 Grade :>97%  
 Formula :C<sub>26</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :362.42 g/mole  
 Melting Point:199~201 °C  
 Storage :2~8 °C



## LT-COF0151 TPhA

4-[4-(4-Formylphenyl)phenyl]benzaldehyde

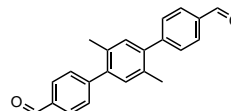
CAS No :62940-38-9  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>  
 M.W. :286.32 g/mole  
 Melting Point:210~213 °C  
 Storage :2~8 °C



## LT-COF0152

2',5'-dimethyl-[1,1':4',1'':terphenyl]-4,4-dicarbaldehyde

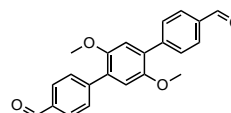
CAS No :857412-04-5  
 Grade :>98%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :314.38 g/mole  
 Storage :2~8 °C



## LT-COF0153

2',5'-dimethoxy-[1,1':4',1'':Terphenyl]-4,4''-dicarboxaldehyde

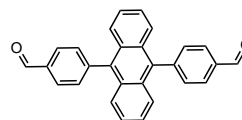
CAS No :111759-27-4  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. :346.38 g/mole  
 Storage :2~8 °C



## LT-COF0154

9,10-Bis(4-formylphenyl)anthracene

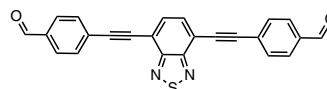
CAS No :324750-99-4  
 Grade :>97%  
 Formula :C<sub>28</sub>H<sub>18</sub>O<sub>2</sub>  
 M.W. :386.44 g/mole  
 Storage :2~8 °C



## LT-COF0155 3PEBTD

[4,7-Bis(4-formylphenylethynyl)benzo[c][1,2,5]thiadiazole]

CAS No :1933562-00-5  
 Grade :>95%  
 Formula :C<sub>24</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :392.43 g/mole  
 Storage :2~8 °C

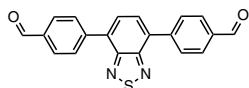


## Covalent Organic Frameworks (COF)

### LT-COF0156 | PTA2

4,4'-(2,1,3-Benzothiadiazole-4,7-diyl)bisbenzaldehyde

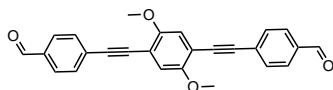
CAS No :914651-17-5  
 Grade :>98%  
 Formula :C<sub>20</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. :344.39 g/mole  
 Storage :2~8 °C



### LT-COF0157

4,4'-((2,5-Dimethoxy-1,4-phenylene)bis(ethyne-2,1-diyl))dibenzaldehyde

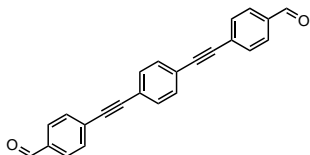
CAS No :1190963-83-7  
 Grade :>95%  
 Formula :C<sub>26</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. :394.42 g/mole  
 Storage :2~8 °C



### LT-COF0158

4,4'-(1,4-phenylenebis(ethyne-2,1-diyl))dibenzaldehyde

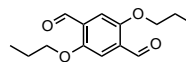
CAS No :192188-70-8  
 Grade :>95%  
 Formula :C<sub>24</sub>H<sub>14</sub>O<sub>2</sub>  
 M.W. :334.37 g/mole  
 Storage :2~8 °C



### LT-COF0159

2,5-Dipropoxyterephthalaldehyde

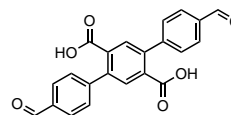
CAS No :245116-57-8  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>16</sub>O<sub>4</sub>  
 M.W. :250.29 g/mole  
 Storage :2~8 °C



### LT-COF0160 | 3P-COOH

4,4''-diformyl-[1,1':4',1''-terphenyl]-2',5'-dicarboxylic acid

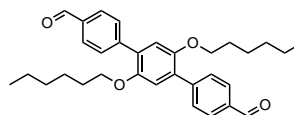
CAS No :2409130-70-5  
 Grade :>95%  
 Formula :C<sub>22</sub>H<sub>14</sub>O<sub>6</sub>  
 M.W. :374.34 g/mole  
 Storage :2~8 °C



### LT-COF0161

2',5'-Bis(hexyloxy)-[1,1':4',1''-terphenyl]-4,4''-dicarbaldehyde

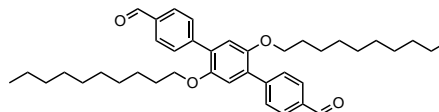
CAS No :474974-24-8  
 Grade :>95%  
 Formula :C<sub>32</sub>H<sub>38</sub>O<sub>4</sub>  
 M.W. :486.64 g/mole  
 Storage :2~8 °C



### LT-COF0162

2,5-didecyloxy-1,4-bis(4-formylphenyl)benzene

CAS No :850446-24-1  
 Grade :>95%  
 Formula :C<sub>40</sub>H<sub>54</sub>O<sub>4</sub>  
 M.W. :598.85 g/mole



## Covalent Organic Frameworks (COF)

### LT-COF0163

5,5-Difluoro-1,3,7,9-tetramethyl-10-phenyl-5H-4iA,5iA-dipyrrolo[1,2-c:2':1'-f][1,3,2]diazaborinine-2,8-dicarbaldehyde

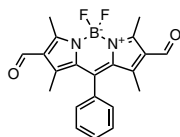
CAS No :2022166-57-8

Grade :>97%

Formula :C<sub>21</sub>H<sub>19</sub>BF<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :380.20 g/mole

Storage :2~8 °C



### LT-COF0164

5'-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-[1,1':3',1''-terphenyl]-4,4''-dicarbaldehyde

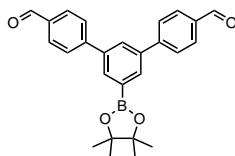
CAS No :1033752-94-1

Grade :>95%

Formula :C<sub>26</sub>H<sub>25</sub>BO<sub>4</sub>

M.W. :412.29 g/mole

Storage :2~8 °C



### LT-COF0165

Bis(4-formylphenyl)phenylamine

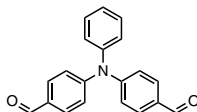
CAS No :53566-95-3

Grade :>97%

Formula :C<sub>20</sub>H<sub>15</sub>NO<sub>2</sub>

M.W. :301.34 g/mole

Melting Point:142~146 °C



### LT-COF0166

4,4''-M-Terphenyldicarboxaldehyde

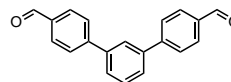
CAS No :171820-02-3

Grade :>95%

Formula :C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>

M.W. :286.32 g/mole

Storage :2~8 °C



### LT-COF0167

4-[4-(4-formylphenyl)-2,3,5,6-tetramethylphenyl]benzaldehyde

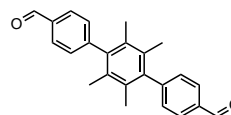
CAS No :850559-54-5

Grade :>95%

Formula :C<sub>24</sub>H<sub>22</sub>O<sub>2</sub>

M.W. :342.43 g/mole

Storage :2~8 °C



### LT-COF0168 BDP

3,3'-Dihydroxybiphenyl-4,4''-dicarbaldehyde

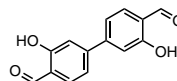
CAS No :14969-32-5

Grade :>97%

Formula :C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :242.23 g/mole

Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0169

9,10-anthracenedicarboxaldehyde

CAS No :7044-91-9

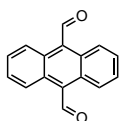
Grade :>97%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>

M.W. :234.25 g/mole

Melting Point:244~245 °C

Storage :2~8 °C



### LT-COF0170

Pyrazine-2,5-dicarbaldehyde

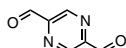
CAS No :77666-94-5

Grade :>95%

Formula :C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :136.11 g/mole

Melting Point:124~125 °C



### LT-COF0171

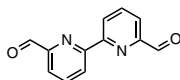
2,2'-Bipyridine-6,6'-Dicarbaldehyde

CAS No :49669-26-3

Grade :>95%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :212.20 g/mole



### LT-COF0172

Bis(4-formylphenyl)ethyne

CAS No :84907-55-1

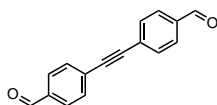
Grade :>95%

Formula :C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>

M.W. :234.25 g/mole

Melting Point:79~82 °C (lit.)

Storage :2~8 °C



### LT-COF0173

6,6'-Diformyl-3,3'-bipyridine

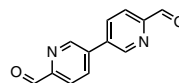
CAS No :1264748-06-2

Grade :>97%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :212.20 g/mole

Storage :2~8 °C



### LT-COF0174

[2,2'-Bipyridine]-4,4'-dicarbaldehyde

CAS No :99970-84-0

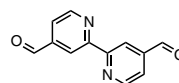
Grade :>98%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :212.20 g/mole

Melting Point:188 °C (dec.) (lit.)

Storage :2~8 °C



### LT-COF0175

[2,2'-Bipyridine]-5,5'-dicarbaldehyde

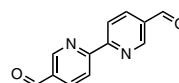
CAS No :135822-72-9

Grade :>97%

Formula :C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :212.20 g/mole

Storage :2~8 °C



### LT-COF0176

Thieno[3,2-b]thiophene-2,5-dicarbaldehyde

CAS No :37882-75-0

Grade :>98%

Formula :C<sub>8</sub>H<sub>4</sub>O<sub>2</sub>S<sub>2</sub>

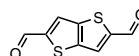
M.W. :196.25 g/mole

Boiling Point :388.1 °C at 760 mmHg

Melting Point:274~277 °C (dec.) (lit.)

Density :1.559 g/cm<sup>3</sup>

Storage :2~8 °C

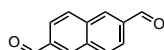




## LT-COF0177 | NDC

Naphthalene-2,6-dicarbaldehyde

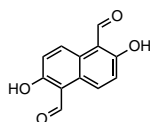
CAS No :5060-65-1  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>  
 M.W. :184.19 g/mole  
 Boiling Point :373.6 °C at 760 mmHg  
 Density :1.254 g/cm<sup>3</sup>  
 Storage :2~8 °C



## LT-COF0178 | DHNDA

2,6-dihydroxynaphthalene-1,5-dicarbaldehyde

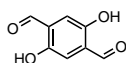
CAS No :7235-47-4  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>8</sub>O<sub>4</sub>  
 M.W. :216.19 g/mole  
 Storage :2~8 °C



## LT-COF0179 | DHPA

2,5-Dihydroxyterephthalaldehyde

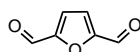
CAS No :1951-36-6  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>  
 M.W. :166.13 g/mole  
 Boiling Point :297.6±40.0 °C at 760 mmHg  
 Density :1.5±0.1 g/cm<sup>3</sup>  
 Storage :2~8 °C



## LT-COF0180

Furan-2,5-dicarbaldehyde

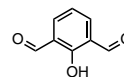
CAS No :823-82-5  
 Grade :>98%  
 Formula :C<sub>6</sub>H<sub>4</sub>O<sub>3</sub>  
 M.W. :124.09 g/mole  
 Boiling Point :276.8±25.0 °C at 760 mmHg  
 Melting Point:110 °C  
 Density :1.3±0.1 g/cm<sup>3</sup>



## LT-COF0181

2-Hydroxyisophthalaldehyde

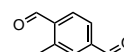
CAS No :3328-69-6  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>3</sub>  
 M.W. :150.13 g/mole  
 Storage :2~8 °C



## LT-COF0182

2-Methylterephthalaldehyde

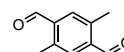
CAS No :27587-17-3  
 Grade :>95%  
 Formula :C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>  
 M.W. :148.16 g/mole  
 Storage :2~8 °C



## LT-COF0183

2,5-Dimethylterephthalaldehyde

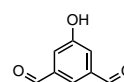
CAS No :7044-92-0  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>  
 M.W. :162.18 g/mole  
 Boiling Point :303.3±30.0 °C  
 Melting Point:55~56 °C  
 Density :1.116±0.06 g/cm<sup>3</sup>



## LT-COF0184

5-Hydroxy-benzene-1,3-dicarbaldehyde

CAS No :144876-14-2  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>3</sub>  
 M.W. :150.13 g/mole  
 Storage :2~8 °C

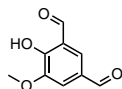


## Covalent Organic Frameworks (COF)

### LT-COF0185

4-Hydroxy-5-methoxyisophthalaldehyde

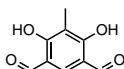
CAS No :2931-90-0  
 Grade :>95%  
 Formula :C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>  
 M.W. :180.16 g/mole  
 Storage :2~8 °C



### LT-COF0186

4,6-Dihydroxy-5-methyl-1,3-diformyl benzene

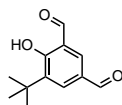
CAS No :22304-67-2  
 Grade :>95%  
 Formula :C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>  
 M.W. :180.16 g/mole



### LT-COF0187

5-tert-butyl-4-hydroxybenzene-1,3-dicarbaldehyde

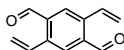
CAS No :153759-59-2  
 Grade :>98%  
 Formula :C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>  
 M.W. :206.24 g/mole  
 Storage :2~8 °C



### LT-COF0188 Dva

2,5-divinylterephthalaldehyde

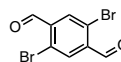
CAS No :2065232-74-6  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>  
 M.W. :186.21 g/mole  
 Density :1.130±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C



### LT-COF0189

2,5-Dibromoterephthalaldehyde

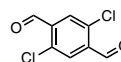
CAS No :63525-48-4  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>4</sub>Br<sub>2</sub>O<sub>2</sub>  
 M.W. :291.92 g/mole



### LT-COF0190

2,5-Dichloroterephthalaldehyde

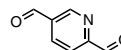
CAS No :46052-84-0  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub>  
 M.W. :203.02 g/mole  
 Storage :2~8 °C



### LT-COF0191

2,5-Pyridinedicarboxaldehyde

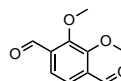
CAS No :6221-01-8  
 Grade :>96%  
 Formula :C<sub>7</sub>H<sub>5</sub>NO<sub>2</sub>  
 M.W. :135.12 g/mole



### LT-COF0192

2,3-Dimethoxyterephthalaldehyde

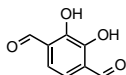
CAS No :179693-85-7  
 Grade :>95%  
 Formula :C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>  
 M.W. :194.18 g/mole



## LT-COF0193

### 2,3-Dihydroxyterephthalaldehyde

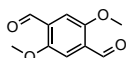
CAS No :148063-59-6  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>  
 M.W. :166.13 g/mole  
 Boiling Point :265.2±40.0 °C (760Torr)  
 Melting Point:140~143 °C  
 Density :1.515±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C



## LT-COF0194

### 2,5-Dimethoxyterephthalaldehyde

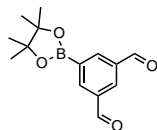
CAS No :7310-97-6  
 Grade :>98%  
 Formula :C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>  
 M.W. :194.18 g/mole  
 Boiling Point :371.4 °C at 760 mmHg  
 Melting Point:220 °C  
 Density :1.207 g/cm<sup>3</sup>  
 Storage :2~8 °C



## LT-COF0195

### 5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)benzene-1,3-dicarbaldehyde

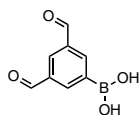
CAS No :945865-80-5  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>17</sub>BO<sub>4</sub>  
 M.W. :260.10 g/mole



## LT-COF0196

### 3,5-Diformylphenylboronic Acid

CAS No :480424-62-2  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>7</sub>BO<sub>4</sub>  
 M.W. :177.95 g/mole  
 Melting Point:255~259 °C (dec.) (lit.)

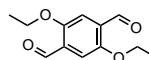


## LT-COF0197

### DETA

### 2,5-diethoxyterephthalaldehyde

CAS No :56766-03-1  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>  
 M.W. :222.24 g/mole  
 Melting Point:110 °C  
 Storage :2~8 °C

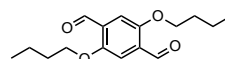


## LT-COF0198

### TPOC4

### 2,5-dibutoxyterephthalaldehyde

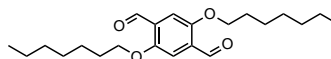
CAS No :564456-59-3  
 Grade :>97%  
 Formula :C<sub>16</sub>H<sub>22</sub>O<sub>4</sub>  
 M.W. :278.34 g/mole  
 Melting Point:67 °C  
 Storage :2~8 °C



## LT-COF0199

### 2,5-Bis(heptyloxy)terephthalaldehyde

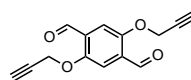
CAS No :206762-48-3  
 Grade :>98%  
 Formula :C<sub>22</sub>H<sub>34</sub>O<sub>4</sub>  
 M.W. :362.50 g/mole  
 Storage :2~8 °C



## LT-COF0200

### 2,5-Bis(prop-2-yn-1-yloxy)terephthalaldehyde

CAS No :1538579-23-5  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>  
 M.W. :242.23 g/mole  
 Boiling Point :432.1±45.0 °C  
 Density :1.246±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C

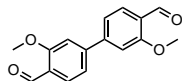


## Covalent Organic Frameworks (COF)

### LT-COF0201

3,3'-dimethoxy-[1,1'-biphenyl]-4,4'-dicarbaldehyde

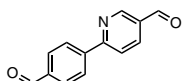
CAS No :27343-98-2  
 Grade :>97%  
 Formula :C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>  
 M.W. :270.28 g/mole  
 Storage :2~8 °C



### LT-COF0202

6-(4-Formylphenyl)nicotinaldehyde

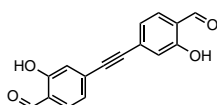
CAS No :885950-11-8  
 Grade :>95%  
 Formula :C<sub>13</sub>H<sub>9</sub>NO<sub>2</sub>  
 M.W. :211.22 g/mole  
 Storage :2~8 °C



### LT-COF0204

4,4'-(1,2-Ethynediyl)bis(2-hydroxybenzaldehyde)

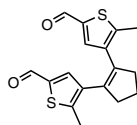
CAS No :791068-96-7  
 Grade :>95%  
 Formula :C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>  
 M.W. :266.25 g/mole  
 Storage :2~8 °C



### LT-COF0205

1,2-Bis(2-methyl-5-formyl-3-thienyl)-1-cyclopentene

CAS No :219537-99-2  
 Grade :>95%  
 Formula :C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>S<sub>2</sub>  
 M.W. :316.44 g/mole  
 Boiling Point :513.2±50.0 °C  
 Density :1.311±0.06 g/cm<sup>3</sup>  
 Storage :2~8 °C

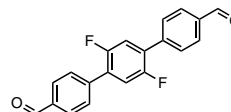


### LT-COF0206

PFPB

2',5'-difluoro-[1,1':4,1''-terphenyl]-4,4''-dicarbaldehyde

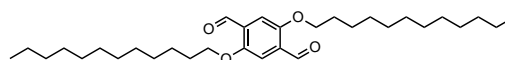
CAS No :1998167-76-2  
 Grade :>95%  
 Formula :C<sub>20</sub>H<sub>12</sub>F<sub>2</sub>O<sub>2</sub>  
 M.W. :322.30 g/mole



### LT-COF0207

2,5-Bis(dodecyloxy)terephthalaldehyde

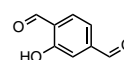
CAS No :123415-45-2  
 Grade :>95%  
 Formula :C<sub>32</sub>H<sub>54</sub>O<sub>4</sub>  
 M.W. :502.77 g/mole  
 Storage :2~8 °C



### LT-COF0208

2-Hydroxyterephthalaldehyde

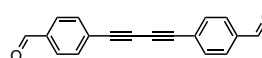
CAS No :73289-90-4  
 Grade :>95%  
 Formula :C<sub>8</sub>H<sub>6</sub>O<sub>3</sub>  
 M.W. :150.13 g/mole  
 Storage :2~8 °C



### LT-COF0209

4,4'-(Buta-1,3-diyne-1,4-diyl)dibenzaldehyde

CAS No :127653-16-1  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>10</sub>O<sub>2</sub>  
 M.W. :258.27 g/mole  
 Storage :2~8 °C



## Covalent Organic Frameworks (COF)

### LT-COF0210

4-Hydroxyisophthalaldehyde

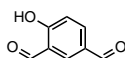
CAS No :3328-70-9

Grade :>98%

Formula :C<sub>8</sub>H<sub>6</sub>O<sub>3</sub>

M.W. :150.13 g/mole

Storage :2~8 °C



### LT-COF0211 TEPE

Tetrakis(4-ethynylphenyl)ethene

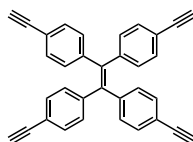
CAS No :4863-90-5

Grade :>98%

Formula :C<sub>34</sub>H<sub>20</sub>

M.W. :428.52 g/mole

Storage :2~8 °C



### LT-COF0212 TEPS

Tetrakis(4-ethynylphenyl)silane

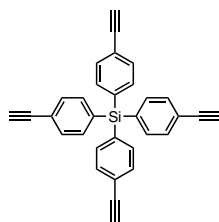
CAS No :1390641-82-3

Grade :>95%

Formula :C<sub>32</sub>H<sub>20</sub>Si

M.W. :432.59 g/mole

Storage :2~8 °C



### LT-COF0213

4,4',4'',4'''-methanetetrayltetrabenzenitrile

CAS No :121706-21-6

Grade :>95%

Formula :C<sub>29</sub>H<sub>16</sub>N<sub>4</sub>

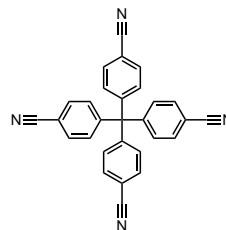
M.W. :420.46 g/mole

Boiling Point :650.6±55.0 °C

Melting Point:312 °C

Density :1.30±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0214 TPEM

Tetrakis(4-Ethynylphenyl)Methane

CAS No :177991-01-4

Grade :>98%

Formula :C<sub>33</sub>H<sub>20</sub>

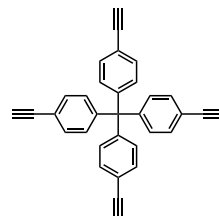
M.W. :416.51 g/mole

Boiling Point :537.0±50.0 °C

Melting Point:300 °C (dec.) (lit.)

Density :1.17±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0215 TEPA

1,3,5,7-Tetrakis(4-ethynylphenyl)adamantane

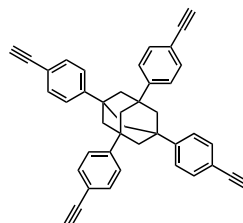
CAS No :144970-32-1

Grade :>98%

Formula :C<sub>42</sub>H<sub>32</sub>

M.W. :536.70 g/mole

Storage :2~8 °C

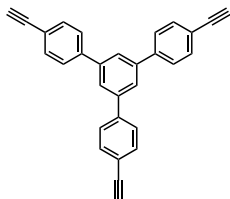


## Covalent Organic Frameworks (COF)

### LT-COF0216

#### 1,3,5-Tris(4-Ethynylphenyl)Benzene

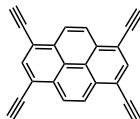
CAS No : 71866-86-9  
 Grade : >97%  
 Formula :  $C_{30}H_{18}$   
 M.W. : 378.46 g/mole  
 Storage : 2~8 °C



### LT-COF0217

#### 1,3,6,8-Tetraethynylpyrene

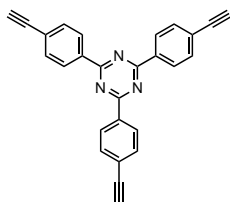
CAS No : 870259-02-2  
 Grade : >95%  
 Formula :  $C_{24}H_{10}$   
 M.W. : 298.34 g/mole



### LT-COF0218 | TEPT

#### 2,4,6-Tris(4-ethynylphenyl)-1,3,5-triazine

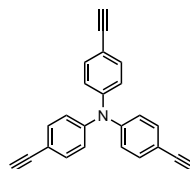
CAS No : 425629-22-7  
 Grade : >95%  
 Formula :  $C_{27}H_{15}N_3$   
 M.W. : 381.43 g/mole  
 Melting Point: 593.6(+/-)60.0 °C  
 Density : 1.28±0.1 g/cm3



### LT-COF0219 | TEPA

#### Tris(4-ethynylphenyl)amine

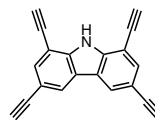
CAS No : 189178-09-4  
 Grade : >95%  
 Formula :  $C_{24}H_{15}N$   
 M.W. : 317.38 g/mole  
 Boiling Point : 482.6±40.0 °C at 760 mmHg  
 Density : 1.2±0.1 g/cm3  
 Storage : 2~8 °C



### LT-COF0220

#### 1,3,6,8-tetraethynyl-9H-Carbazole

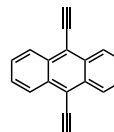
CAS No : 2415951-75-4  
 Grade : >95%  
 Formula :  $C_{20}H_9N$   
 M.W. : 263.29 g/mole



### LT-COF0221

#### 9,10-DiethynylAnthracene

CAS No : 18512-55-5  
 Grade : >98%  
 Formula :  $C_{18}H_{10}$   
 M.W. : 226.27 g/mole  
 Boiling Point : 415.4±18.0 °C at 760 mmHg  
 Density : 1.2±0.1 g/cm3



## Covalent Organic Frameworks (COF)

### LT-COF0222 | DEBP

4,4'-Diethynylbiphenyl

CAS No :38215-38-2

Grade :>98%

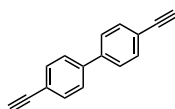
Formula :C<sub>16</sub>H<sub>10</sub>

M.W. :202.25 g/mole

Boiling Point :318.2±35.0 °C at 760 mmHg

Density :1.1±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0223 |

1,4-Diethynylbenzene

CAS No :935-14-8

Grade :>97%

Formula :C<sub>10</sub>H<sub>6</sub>

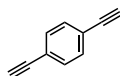
M.W. :126.15 g/mole

Boiling Point :182.8±23.0 °C at 760 mmHg

Melting Point:94~98 °C (lit.)

Density :1.0±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0224 |

1,3,5-Triethynylbenzene

CAS No :7567-63-7

Grade :>98%

Formula :C<sub>12</sub>H<sub>6</sub>

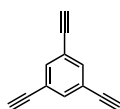
M.W. :150.18 g/mole

Boiling Point :272.3±35.0 °C at 760 mmHg

Melting Point:105~107 °C

Density :1.1±0.1 g/cm<sup>3</sup>

Storage :2~8 °C



### LT-COF0225 |

1,2,4,5-Tetraethynylbenzene

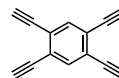
CAS No :70603-31-5

Grade :>98%

Formula :C<sub>14</sub>H<sub>6</sub>

M.W. :174.20 g/mole

Storage :2~8 °C



### LT-COF0226 | TEBP

3,3',5,5'-tetraethynyl-1,1'-biphenyl

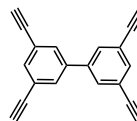
CAS No :189619-31-6

Grade :>95%

Formula :C<sub>20</sub>H<sub>10</sub>

M.W. :250.29 g/mole

Storage :2~8 °C



### LT-COF0227 |

3,8-diethynyl-1,10-phenanthroline

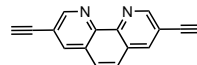
CAS No :640297-84-3

Grade :>95%

Formula :C<sub>16</sub>H<sub>8</sub>N<sub>2</sub>

M.W. :228.25 g/mole

Melting Point:>250 °C



### LT-COF0228 |

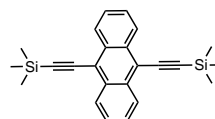
9,10-Bis(Trimethylsilylethynyl)Anthracene

CAS No :18750-95-3

Grade :>95%

Formula :C<sub>24</sub>H<sub>26</sub>Si<sub>2</sub>

M.W. :370.63 g/mole

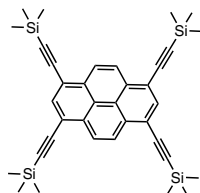


## Covalent Organic Frameworks (COF)

### LT-COF0229

1,3,6,8-Tetrakis(trimethylsilyl)ethynylpyrene

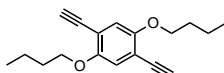
CAS No :870258-96-1  
 Grade :>95%  
 Formula :C<sub>36</sub>H<sub>42</sub>Si<sub>4</sub>  
 M.W. :587.06 g/mole



### LT-COF0230

1,4-Dibutoxy-2,5-diethynylbenzene

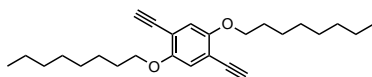
CAS No :128834-29-7  
 Grade :>95%  
 Formula :C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>  
 M.W. :270.37 g/mole  
 Storage :2~8 °C



### LT-COF0231

1,4-Diethynyl-2,5-dioctoxybenzene

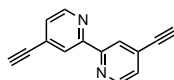
CAS No :153033-27-3  
 Grade :>95%  
 Formula :C<sub>26</sub>H<sub>38</sub>O<sub>2</sub>  
 M.W. :382.58 g/mole



### LT-COF0232

4,4'-diethynyl-2,2'-Bipyridine

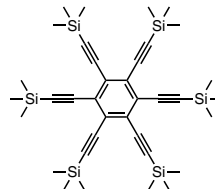
CAS No :133810-44-3  
 Grade :>95%  
 Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>  
 M.W. :204.23 g/mole  
 Storage :2~8 °C



### LT-COF0233 HTEB

Hexakis(trimethylsilyl)ethynylbenzene

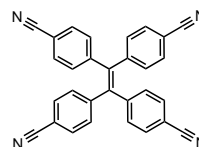
CAS No :100516-62-9  
 Grade :>95%  
 Formula :C<sub>36</sub>H<sub>54</sub>Si<sub>6</sub>  
 M.W. :655.33 g/mole  
 Storage :2~8 °C



### LT-COF0235

Tetrakis(4-cyanophenyl)ethylene

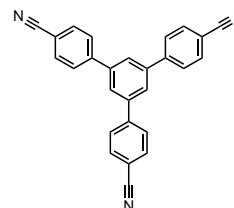
CAS No :79802-71-4  
 Grade :>97%  
 Formula :C<sub>30</sub>H<sub>16</sub>N<sub>4</sub>  
 M.W. :432.47 g/mole  
 Boiling Point :646.7±55.0 °C at 760 mmHg  
 Density :1.3±0.1 g/cm3



### LT-COF0236

5'-(4-Cyanophenyl)-[1,1':3',1''-terphenyl]-4,4''-dicyanonitrile

CAS No :382137-78-2  
 Grade :>95%  
 Formula :C<sub>27</sub>H<sub>15</sub>N<sub>3</sub>  
 M.W. :381.43 g/mole  
 Boiling Point :625.0±55.0 °C  
 Density :1.28±0.1 g/cm3  
 Storage :erature





## Covalent Organic Frameworks (COF)

### LT-COF0237

4,4',4''-Nitrilotribenzonitrile

CAS No :51545-36-9

Grade :>98%

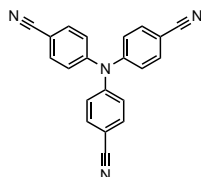
Formula : $C_{21}H_{12}N_4$

M.W. :320.35 g/mole

Boiling Point :570.0±45.0 °C

Melting Point:348 °C

Density :1.275 g/cm3



### LT-COF0238

2,2'-(1,1':4',1''-Terphenyl)-4,4''-diyl)diacetonitrile

CAS No :1000559-50-1

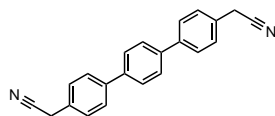
Grade :>95%

Formula : $C_{22}H_{16}N_2$

M.W. :308.38 g/mole

Boiling Point :556.2±50.0 °C

Density :1.132±0.06 g/cm3



### LT-COF0239 TCB

Benzene-1,3,5-tricarbonitrile

CAS No :10365-94-3

Grade :>95%

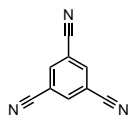
Formula : $C_9H_3N_3$

M.W. :153.14 g/mole

Boiling Point :256.2 °C at 760 mmHg

Density :1.27 g/cm3

Storage :2~8 °C



### LT-COF0240 2,5-DCP

Pyridine-2,5-dicarbonitrile

CAS No :20730-07-8

Grade :>97%

Formula : $C_7H_3N_3$

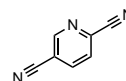
M.W. :129.12 g/mole

Boiling Point :325.272 °C at 760 mmHg

Melting Point:111~112 °C

Density :1.254 g/cm3

Storage :2~8 °C



### LT-COF0241

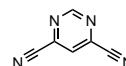
Pyrimidine-4,6-dicarbonitrile

CAS No :50844-89-8

Grade :>98%

Formula : $C_6H_2N_4$

M.W. :130.11 g/mole



### LT-COF0242

Pyridine-2,4-dicarbonitrile

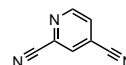
CAS No :29181-50-8

Grade :>98%

Formula : $C_7H_3N_3$

M.W. :129.12 g/mole

Melting Point:89~93 °C (lit.)



### LT-COF0243

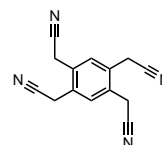
1,2,4,5-Benzenetetraacetonitrile

CAS No :87837-08-9

Grade :>95%

Formula : $C_{14}H_{10}N_4$

M.W. :234.26 g/mole

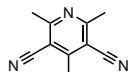


## Covalent Organic Frameworks (COF)

### LT-COF0244 | DCTMP

2,4,6-Trimethylpyridine-3,5-dicarbonitrile

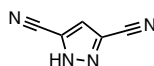
CAS No :1539-48-6  
 Grade :>97%  
 Formula :C<sub>10</sub>H<sub>9</sub>N<sub>3</sub>  
 M.W. :171.20 g/mole  
 Boiling Point :309.8 °C  
 Melting Point:111 °C (lit.)  
 Density :1.13 g/cm<sup>3</sup>  
 Storage :2~8 °C



### LT-COF0245 |

1H-Pyrazole-3,5-dicarbonitrile

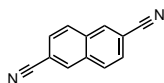
CAS No :847573-68-6  
 Grade :>95%  
 Formula :C<sub>5</sub>H<sub>2</sub>N<sub>4</sub>  
 M.W. :118.10 g/mole



### LT-COF0246 |

Naphthalene-2,6-Dicarbonitrile

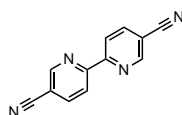
CAS No :31656-49-2  
 Grade :>97%  
 Formula :C<sub>12</sub>H<sub>6</sub>N<sub>2</sub>  
 M.W. :178.19 g/mole  
 Boiling Point :391.6±15.0 °C  
 Melting Point:>300 °C  
 Density :1.23±0.1 g/cm<sup>3</sup>  
 Storage :2~8 °C



### LT-COF0247 |

2,2'-Bipyridine-5,5'-dicarbonitrile

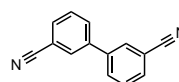
CAS No :1802-29-5  
 Grade :>95%  
 Formula :C<sub>12</sub>H<sub>6</sub>N<sub>4</sub>  
 M.W. :206.20 g/mole  
 Storage :2~8 °C



### LT-COF0248 |

Biphenyl-3,3'-Dicarbonitrile

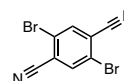
CAS No :36852-02-5  
 Grade :>96%  
 Formula :C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>  
 M.W. :204.23 g/mole  
 Storage :2~8 °C



### LT-COF0249 |

2,5-Dibromoterephthalonitrile

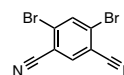
CAS No :18870-11-6  
 Grade :>98%  
 Formula :C<sub>8</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>  
 M.W. :285.92 g/mole



### LT-COF0250 |

4,6-Dibromoisophthalonitrile

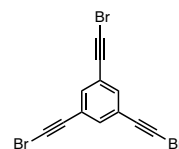
CAS No :244261-21-0  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>  
 M.W. :285.92 g/mole  
 Boiling Point :349.7±42.0 °C  
 Density :2.09±0.1 g/cm<sup>3</sup>



### LT-COF0251 |

1,3,5-Tris(bromoethynyl)benzene

CAS No :177738-26-0  
 Grade :>98%  
 Formula :C<sub>12</sub>H<sub>3</sub>Br<sub>3</sub>  
 M.W. :386.86 g/mole



## Covalent Organic Frameworks (COF)

### LT-COF0252 | TVPB

1,3,5-Tris(4-vinylphenyl)benzene

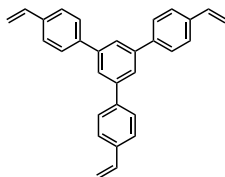
CAS No :944155-02-6

Grade :>95%

Formula :C<sub>30</sub>H<sub>24</sub>

M.W. :384.51 g/mole

Storage :2~8 °C



### LT-COF0253 |

1,1,2,2-Tetrakis(4-(4,4,5,5-Tetramethyl-1,3,2-Dioxaborolan-2-yl)Phenyl)Ethene

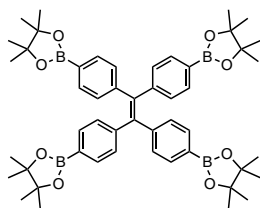
CAS No :1660996-72-4

Grade :>97%

Formula :C<sub>50</sub>H<sub>64</sub>B<sub>4</sub>O<sub>8</sub>

M.W. :836.28 g/mole

Storage :2~8 °C



### LT-COF0254 | BTA

2,4,6-tris(4'-dihydroxyborylphenyl)-1,3,5-triazine

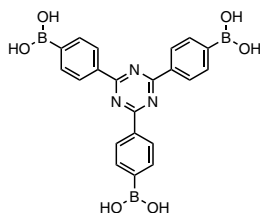
CAS No :910231-21-9

Grade :>95%

Formula :C<sub>21</sub>H<sub>18</sub>B<sub>3</sub>N<sub>3</sub>O<sub>6</sub>

M.W. :440.82 g/mole

Storage :2~8 °C



### LT-COF0255 |

(Ethene-1,1,2,2-tetrayltetrakis(benzene-4,1-diyl))tetraboronic acid

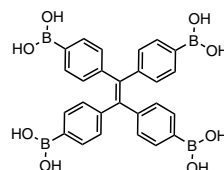
CAS No :1905395-21-2

Grade :>95%

Formula :C<sub>26</sub>H<sub>24</sub>B<sub>4</sub>O<sub>8</sub>

M.W. :507.71 g/mole

Storage :2~8 °C



### LT-COF0256 | TBPS

[4-tris(4-boronophenyl)silylphenyl]boronic acid

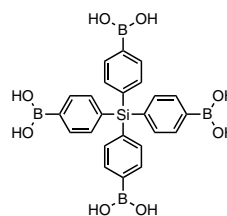
CAS No :499142-74-4

Grade :>95%

Formula :C<sub>24</sub>H<sub>24</sub>B<sub>4</sub>O<sub>8</sub>Si

M.W. :511.77 g/mole

Storage :erature



### LT-COF0257 |

4,4'-Malonyldibenzonitrile

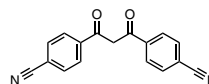
CAS No :166588-20-1

Grade :>95%

Formula :C<sub>17</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :274.27 g/mole

Storage :2~8 °C

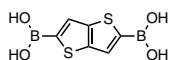


## Covalent Organic Frameworks (COF)

### LT-COF0258 | TTBA

Thieno[3,2-b]thiophene-2,5-diylboronic acid

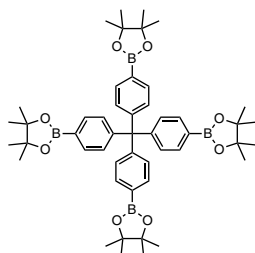
CAS No :1281324-46-6  
 Grade :>98%  
 Formula :C<sub>6</sub>H<sub>6</sub>B<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
 M.W. :227.86 g/mole  
 Storage :2~8 °C



### LT-COF0259 | TTBPM

Tetra (4-pinacyl phenyl) methane

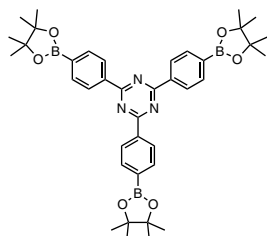
CAS No :875772-13-7  
 Grade :>98%  
 Formula :C<sub>49</sub>H<sub>64</sub>B<sub>4</sub>O<sub>8</sub>  
 M.W. :824.27 g/mole  
 Storage :2~8 °C



### LT-COF0260

2,4,6-Tris[4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]-1,3,5-triazine

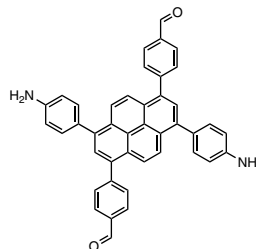
CAS No :1447947-87-6  
 Grade :>95%  
 Formula :C<sub>39</sub>H<sub>48</sub>B<sub>3</sub>N<sub>3</sub>O<sub>6</sub>  
 M.W. :687.25 g/mole  
 Storage :2~8 °C



### LT-COF0261 | BFBAPy

4,4'-(3,8-Bis(4-aminophenyl)pyrene-1,6-diyl)dibenzaldehyde

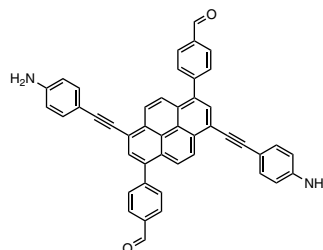
CAS No :2375652-84-7  
 Grade :>95%  
 Formula :C<sub>42</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :592.68 g/mole  
 Storage :2~8 °C



### LT-COF0262

4,4'-(3,8-bis((4-aminophenyl)ethynyl)pyrene-1,6-diyl)dibenzaldehyde

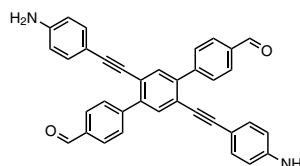
CAS No :2375652-85-8  
 Grade :>95%  
 Formula :C<sub>46</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :640.73 g/mole



### LT-COF0263

2',5'-bis((4-aminophenyl)ethynyl)-[1,1':4,1''-terphenyl]-4,4''-dicarbaldehyde

CAS No :2375652-87-0  
 Grade :>95%  
 Formula :C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :516.59 g/mole

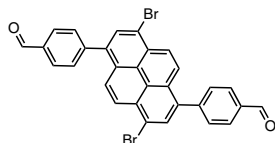


## Covalent Organic Frameworks (COF)

### LT-COF0264

4,4'-(3,8-dibromopyrene-1,6-diyl)dibenzaldehyde

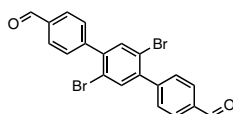
CAS No :2375652-83-6  
Grade :>95%  
Formula :C<sub>30</sub>H<sub>16</sub>Br<sub>2</sub>O<sub>2</sub>  
M.W. :568.25 g/mole



### LT-COF0265

1,4-Dibromo-2,5-bis(4-formylphenyl)benzene

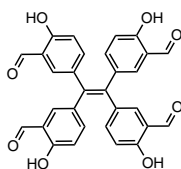
CAS No :2375652-86-9  
Grade :>95%  
Formula :C<sub>20</sub>H<sub>12</sub>Br<sub>2</sub>O<sub>2</sub>  
M.W. :444.12 g/mole



### LT-COF0266 TPE-4OH-CHO

5,5',5'',5'''-(Ethene-1,1,2,2-tetrayl)tetrakis(2-hydroxybenzaldehyde)

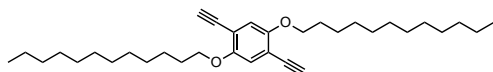
CAS No :2036328-15-9  
Grade :>97%  
Formula :C<sub>30</sub>H<sub>20</sub>O<sub>8</sub>  
M.W. :508.48 g/mole  
Storage :2~8 °C



### LT-COF0267

1,4-Didodecoxy-2,5-diethynylbenzene

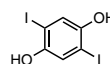
CAS No :152270-00-3  
Grade :>98%  
Formula :C<sub>34</sub>H<sub>54</sub>O<sub>2</sub>  
M.W. :494.79 g/mole  
Storage :2~8 °C



### LT-COF0268

1,4-Dihydroxy-2,5-Diiodobenzene

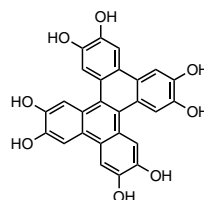
CAS No :13064-64-7  
Grade :>95%  
Formula :C<sub>6</sub>H<sub>4</sub>I<sub>2</sub>O<sub>2</sub>  
M.W. :361.90 g/mole  
Boiling Point :299.4±40.0 °C at 760 mmHg  
Density :2.8±0.1 g/cm3



### LT-COF0269 8OH-DBC

Dibenzo[g,p]chrysen-2,3,6,7,10,11,14,15-octaol

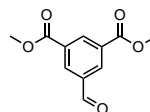
CAS No :1246204-19-2  
Grade :>95%  
Formula :C<sub>26</sub>H<sub>16</sub>O<sub>8</sub>  
M.W. :456.40 g/mole  
Storage :2~8 °C



### LT-COF0270

Dimethyl 5-formylisophthalate

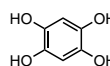
CAS No :164073-80-7  
Grade :>95%  
Formula :C<sub>11</sub>H<sub>10</sub>O<sub>5</sub>  
M.W. :222.19 g/mole



### LT-COF0271

Benzene-1,2,4,5-tetrol

CAS No :636-32-8  
Grade :>95%  
Formula :C<sub>6</sub>H<sub>6</sub>O<sub>4</sub>  
M.W. :142.11 g/mole  
Boiling Point :477.1 °C at 760 mmHg  
Density :1.709 g/cm3



## Covalent Organic Frameworks (COF)

### LT-COF0272

2,7-Di-tert-butylpyrene-4,5,9,10-tetraone

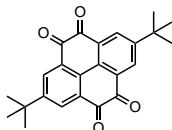
CAS No :190843-93-7

Grade :>95%

Formula :C<sub>24</sub>H<sub>22</sub>O<sub>4</sub>

M.W. :374.43 g/mole

Storage :erature



### LT-COF0273

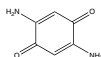
2,5-Diamino-1,4-benzoquinone

CAS No :1521-06-8

Grade :>98%

Formula :C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :138.12 g/mole



### LT-COF0274

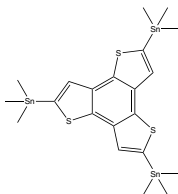
2,5,8-Tris(trimethylstannyl)benzo[1,2-b:3,4-b':5,6-b'']trithiophene

CAS No :1289556-30-4

Grade :>98%

Formula :C<sub>21</sub>H<sub>30</sub>S<sub>3</sub>SN<sub>3</sub>

M.W. :734.76 g/mole



### LT-COF0275

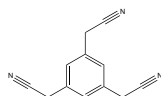
2,2',2''-(Benzene-1,3,5-triyl)triacetonitrile

CAS No :80935-59-7

Grade :>98%

Formula :C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>

M.W. :195.22 g/mole



### LT-COF0276

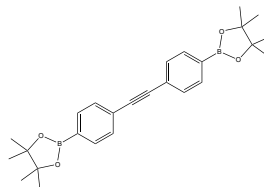
4,4,5,5-Tetramethyl-2-(4-(2-[4-(tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]ethynyl)phenyl)-1,3,2-dioxaborolane

CAS No :849681-64-7

Grade :>98%

Formula :C<sub>26</sub>H<sub>32</sub>B<sub>2</sub>O<sub>4</sub>

M.W. :430.15 g/mole



### LT-COF0277

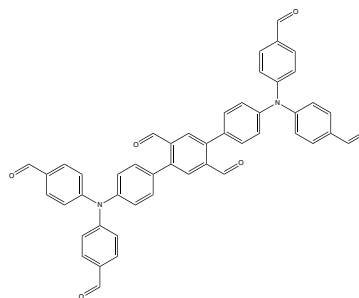
4,4''-Bis(bis(4-formylphenyl)amino)-[1,1':4',1''-terphenyl]-2',5'-dicarbaldehyde

CAS No :2097132-15-3

Grade :>98%

Formula :C<sub>48</sub>H<sub>32</sub>N<sub>2</sub>O<sub>6</sub>

M.W. :732.78 g/mole



### LT-COF0278

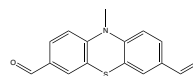
10-Methyl-10H-phenothiazine-3,7-dicarbaldehyde

CAS No :31123-52-1

Grade :>98%

Formula :C<sub>15</sub>H<sub>11</sub>NO<sub>2</sub>S

M.W. :269.32 g/mole



## LT-COF0279 | BIPY531

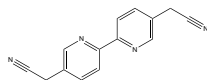
2,2'-([2,2'-Bipyridine]-5,5'-diyl)diacetonitrile

CAS No :286380-59-4

Grade :>98%

Formula :C<sub>14</sub>H<sub>10</sub>N<sub>4</sub>

M.W. :234.26 g/mole



## LT-COF0280

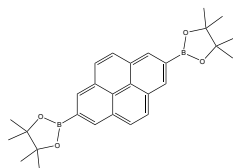
2,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)pyrene

CAS No :688756-58-3

Grade :>98%

Formula :C<sub>28</sub>H<sub>32</sub>B<sub>2</sub>O<sub>4</sub>

M.W. :454.17 g/mole



## LT-COF0281

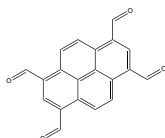
Pyrene-1,3,6,8-tetracarbaldehyde

CAS No :2375786-12-0

Grade :>98%

Formula :C<sub>20</sub>H<sub>10</sub>O<sub>4</sub>

M.W. :314.29 g/mole



## LT-COF0282 | PYR12

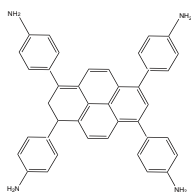
4,4',4''-(3a1,5-Dihydropyrene-1,3,6,8-tetrayl)tetraaniline

CAS No :2432878-13-0

Grade :>98%

Formula :C<sub>40</sub>H<sub>32</sub>N<sub>4</sub>

M.W. :568.71 g/mole



## LT-COF0283

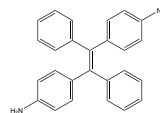
(E)-4,4'-(1,2-Diphenylethene-1,2-diyl)dianiline

CAS No :191047-62-8

Grade :>98%

Formula :C<sub>26</sub>H<sub>22</sub>N<sub>2</sub>

M.W. :362.47 g/mole



## LT-COF0284

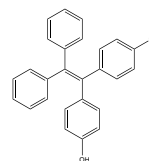
Phenol, 4,4'-(2,2-diphenylethenylidene)bis-

CAS No :919789-77-8

Grade :>98%

Formula :C<sub>26</sub>H<sub>20</sub>O<sub>2</sub>

M.W. :364.44 g/mole



## LT-COF0285

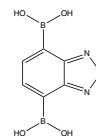
Benzo[c][1,2,5]thiadiazole-4,7-diylboronic acid

CAS No :1332458-85-1

Grade :>98%

Formula :C<sub>6</sub>H<sub>6</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S

M.W. :223.81 g/mole



## LT-COF0286

**NEW**

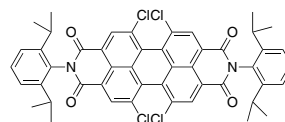
5,6,12,13-Tetrachloro-2,9-bis(2,6-diisopropylphenyl)anthra[2,1,9-def:6,5,10-d'e']diisoquinoline-1,3,8,10(2H,9H)-tetraone

CAS No :112078-00-9

Grade :>97%

Formula :C<sub>48</sub>H<sub>38</sub>Cl<sub>4</sub>N<sub>2</sub>O<sub>4</sub>

M.W. :848.64 g/mole

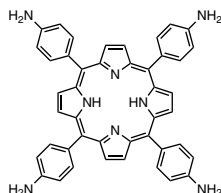


## Covalent Organic Frameworks (COF)

### LT-D0036 | H2TAPP

meso-Tetra(4-aminophenyl)porphine

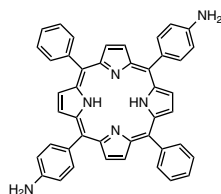
CAS No :22112-84-1  
 Grade :>98% (NMR)  
 Formula :C<sub>44</sub>H<sub>34</sub>N<sub>8</sub>  
 M.W. :674.81 g/mole  
 Storage :2~8 °C



### LT-D0069 | trans-DATPP

5,15-Di(4-aminophenyl)-10,20-diphenyl porphine

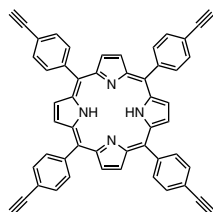
CAS No :116206-75-8  
 Grade :>98% (NMR)  
 Formula :C<sub>44</sub>H<sub>32</sub>N<sub>6</sub>  
 M.W. :644.77 g/mole  
 Storage :2~8 °C



### LT-D0077 | TEPP

5,10,15,20-Tetra(4-ethynylphenyl)porphyrin

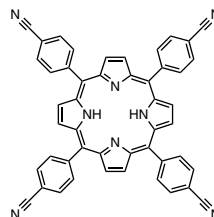
CAS No :160240-15-3  
 Grade :>98%  
 Formula :C<sub>52</sub>H<sub>30</sub>N<sub>4</sub>  
 M.W. :710.82 g/mole  
 Storage :erature



### LT-D0078 | H2TCNPP

5,10,15,20-Tetra(4-cyanophenyl)porphyrin

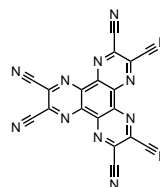
CAS No :14609-51-9  
 Grade :>98% (NMR)  
 Formula :C<sub>48</sub>H<sub>26</sub>N<sub>8</sub>  
 M.W. :714.77 g/mole  
 Storage :erature



### LT-N221 | HAT-CN

Dipyrazino[2,3-f :2',3'-h]quinoxaline-2,3,6,7,10,11-hexacarbonitrile

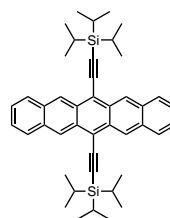
CAS No :105598-27-4  
 Grade :Sublimed >99%  
 Formula :C<sub>18</sub>N<sub>12</sub>  
 M.W. :384.27 g/mole  
 UV :282, 321 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL :422 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>400 °C (0.5% weight loss)  
 Boiling Point :988.7±65.0 °C  
 Melting Point :>500 °C  
 Density :1.86 g/cm<sup>3</sup>



### LT-S977 | TIPS

6,13-Bis(Triisopropylsilylethynyl)Pentacene

CAS No :373596-08-8  
 Grade :>99% (HPLC)  
 Formula :C<sub>44</sub>H<sub>54</sub>Si<sub>2</sub>  
 M.W. :639.07 g/mole  
 Boiling Point :695.3±51.0 °C at 760 mmHg  
 Melting Point :276 °C  
 Density :1.104 g/cm<sup>3</sup>





## Covalent Organic Frameworks (COF)

### T217000000

2,3,5,6-Tetrafluoroterephthalaldehyde

CAS No :3217-47-8

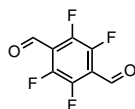
Grade :>95%

Formula :C<sub>8</sub>H<sub>2</sub>F<sub>4</sub>O<sub>2</sub>

M.W. :206.09 g/mole

Melting Point:130~132 °C

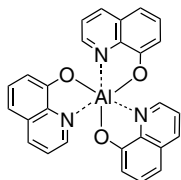
Storage :2~8 °C



### LT-E401 | Alq3

Tris-(8-hydroxyquinoline)aluminum

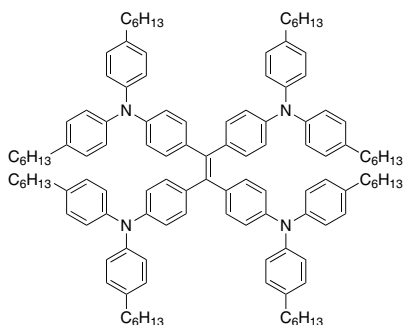
CAS No. : 2085-33-8  
 Grade : Sublimed >99.9%  
 Formula :  $C_{27}H_{18}AlN_3O_3$   
 M.W. : 459.43 g/mole  
 UV : 259 nm (in THF)  
 PL : 512 nm (in THF)  
 TGA : >270 °C(0.5% weight loss)



### LT-S9501

4,4',4''-(Ethene-1,1,2,2-tetrayl)tetrakis(*N,N*-bis(4-hexylphenyl)aniline)

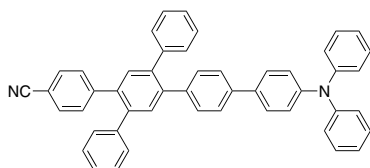
Grade : >99% (NMR)  
 Formula :  $C_{122}H_{152}N_4$   
 M.W. : 1674.54 g/mole



### LT-N4201 | CN-TPB-TPA

4'''-(Diphenylamino)-2',5'-diphenyl-[1,1':4',1''':4'',1''''-quaterphenyl]-4-carbonitrile

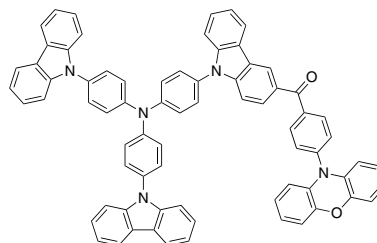
CAS No. : 2408719-17-3  
 Grade : Sublimed >99%  
 Formula :  $C_{49}H_{34}N_2$   
 M.W. : 650.81 g/mole  
 PL : 450 nm (film)  
 HOMO : -5.22 eV  
 LUMO : -2.04 eV



### LT-N4219 | TCTA-BP-PXZ

4-(3-(10*H*-Phenoxazin-10-yl)-9*H*-carbazol-9-yl)-*N,N*-bis(4-(9*H*-carbazol-9-yl)phenyl)aniline

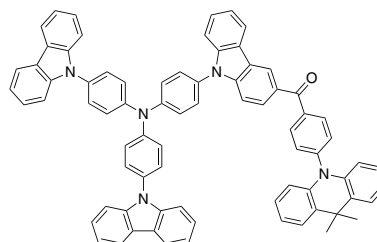
CAS No. : 2378607-56-6  
 Grade : Sublimed >99%  
 Formula :  $C_{73}H_{47}N_5O_2$   
 M.W. : 1026.19 g/mole  
 PL : 547 nm (in THF)  
 HOMO : -5.03 eV  
 LUMO : -2.64 eV



### LT-N4220 | TCTA-BP-DMAC

*N,N*-Bis(4-(9*H*-carbazol-9-yl)phenyl)-4-(3-(9,9-dimethylacridin-10(9*H*)-yl)-9*H*-carbazol-9-yl)aniline

CAS No. : 2378607-57-7  
 Grade : >99% (NMR)  
 Formula :  $C_{76}H_{53}N_5O$   
 M.W. : 1052.27 g/mole  
 PL : 558 nm (in THF)  
 HOMO : -5.18 eV  
 LUMO : -2.63 eV

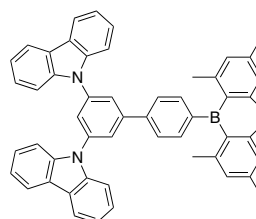


### LT-N4224 | DB-BCZ

**NEW**

9,9-(4-(Dimesitylboranyl)-[1,1-biphenyl]-3,5-diyl)bis(9*H*-carbazole)

CAS No. : 2570405-56-8  
 Grade : Sublimed >99%  
 Formula :  $C_{54}H_{45}BN_2$   
 M.W. : 732.76 g/mole  
 PL : 424 nm (film)  
 HOMO : -5.39 eV  
 LUMO : -2.02 eV

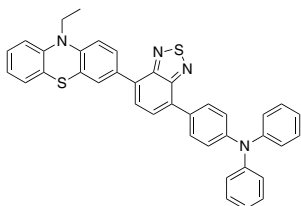


## Aggregation-Induced Emission (AIE) Materials

### LT-N4225 | PBTPA NEW

4-(7-(10-Ethyl-10*H*-phenothiazin-3-yl)benzo[*c*][1,2,5]thiadiazol-4-yl)-*N,N*-diphenylaniline

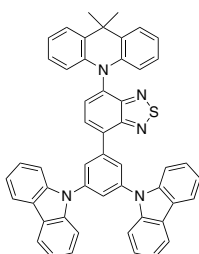
CAS No. : 2567594-79-8  
 Grade : Sublimed >99%  
 Formula : C<sub>38</sub>H<sub>28</sub>N<sub>4</sub>S<sub>2</sub>  
 M.W. : 604.79 g/mole  
 PL : 628 nm (in Toluene)  
 HOMO : -4.98 eV  
 LUMO : -3.10 eV



### LT-N4226 | BCZ-BTD-AD NEW

4-(3,5-Di(9*H*-carbazol-9-yl)phenyl)-7-(9,9-dimethylacridin-10(9*H*)-yl)benzo[*c*][1,2,5]thiadiazole

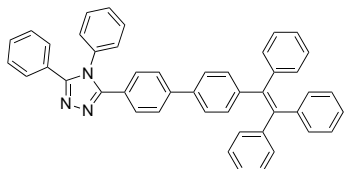
Grade : Sublimed >99%  
 Formula : C<sub>51</sub>H<sub>35</sub>N<sub>5</sub>S  
 M.W. : 749.92 g/mole  
 PL : 650 nm (in THF)  
 HOMO : -5.22 eV  
 LUMO : -2.81 eV  
 EST : 0.16 eV



### LT-N4227 | TPETAZ NEW

3,4-Diphenyl-5-(4'-(1,2,2-triphenylvinyl)-[1,1'-biphenyl]-4-yl)-4*H*-1,2,4-triazole

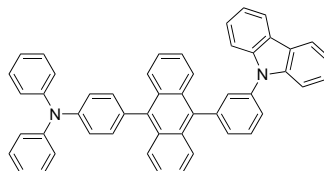
CAS No. : 2641369-36-8  
 Grade : Sublimed >99%  
 Formula : C<sub>46</sub>H<sub>33</sub>N<sub>3</sub>  
 M.W. : 627.77 g/mole  
 PL : 445 nm (in THF)  
 HOMO : -5.92 eV  
 LUMO : -2.45 eV



### LT-N4228 | TPA-An-mPhCz NEW

4-(10-(3-(9*H*-carbazol-9-yl)phenyl)anthracen-9-yl)-*N,N*-diphenylaniline

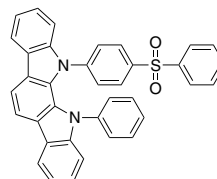
Grade : Sublimed >99%  
 Formula : C<sub>50</sub>H<sub>34</sub>N<sub>2</sub>  
 M.W. : 662.82 g/mole  
 PL : 360 nm (in THF)  
 HOMO : -5.22 eV  
 LUMO : -2.52 eV



### LT-N4229 | ICZ-DPS NEW

11-Phenyl-12-(4-(phenylsulfonyl)phenyl)-11,12-dihydroindolo[2,3-*a*]carbazole

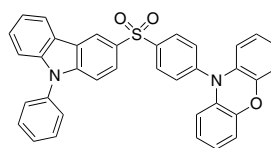
CAS No. : 2217606-00-1  
 Grade : Sublimed >99%  
 Formula : C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>S  
 M.W. : 548.65 g/mole  
 PL : 433 nm (in Toluene)  
 HOMO : -5.92 eV  
 LUMO : -2.45 eV  
 EST : 0.22 eV



### LT-N4231 | 3CP-DPS-PXZ NEW

10-(4-(9-Phenyl-9*H*-carbazol-3-yl)sulfonyl)phenyl)-10*H*-phenoxazine

CAS No. : 2486150-45-0  
 Grade : Sublimed >99%  
 Formula : C<sub>36</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>S  
 M.W. : 564.65 g/mole  
 PL : 518 nm (film)  
 HOMO : -5.10 eV  
 LUMO : -2.00 eV  
 EST : 0.03 eV



Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

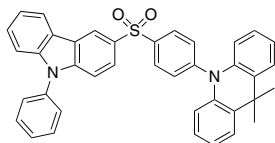
# Aggregation-Induced Emission (AIE) Materials

## Aggregation-Induced Emission (AIE) Materials

### LT-N4232 | 3CP-DPS-DMAC

9,9-Dimethyl-10-(4-(9-phenyl-9H-carbazol-3-yl)sulfonylphenyl)-9,10-dihydroacridine

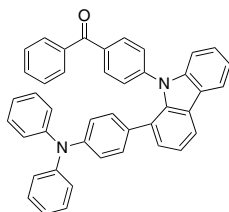
CAS No.	: 2486150-46-1
Grade	: Sublimed >99%
Formula	: C <sub>39</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	: 590.73 g/mole
PL	: 472 nm (film)
HOMO	: -5.31 eV
LUMO	: -2.01 eV
EST	: 0.07 eV



### LT-N4233 | 1TCPM

4-(1-(4-(Diphenylamino)phenyl)-9H-carbazol-9-yl)phenyl(phenyl)methanone

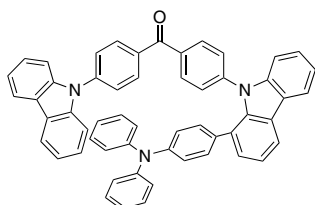
CAS No.	: 2644017-39-8
Grade	: Sublimed >99%
Formula	: C <sub>43</sub> H <sub>30</sub> N <sub>2</sub> O
M.W.	: 590.71 g/mole
PL	: 510 nm (in Toluene)
HOMO	: -5.51 eV
LUMO	: -3.18 eV
EST	: 0.02 eV



### LT-N4234 | 1TCPM-Cz

4-(9H-carbazol-9-yl)phenyl(4-(1-(4-(diphenylamino)phenyl)-9H-carbazol-9-yl)phenyl)methanone

CAS No.	: 2644017-42-3
Grade	: Sublimed >99%
Formula	: C <sub>55</sub> H <sub>37</sub> N <sub>3</sub> O
M.W.	: 755.90 g/mole
PL	: 521 nm (in Toluene)
HOMO	: -5.36 eV
LUMO	: -3.06 eV
EST	: 0.04 eV

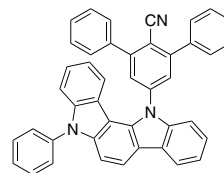


### LT-N4242 | 3phCN-ICz

**NEW**

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

Grade	: Sublimed >99%
Formula	: C <sub>43</sub> H <sub>27</sub> N <sub>3</sub>
UV	: 362 nm (in Toluene)
PL	: 437 nm (in Toluene)
M.W.	: 585.69 g/mole
HOMO	: -5.52 eV
LUMO	: -2.2 eV

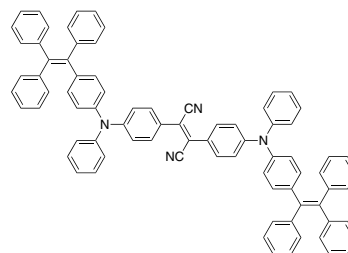


### LT-N4243 | TPETPAFN

**NEW**

2,3-Bis(4-(phenyl(4-(1,2,2-triphenylvinyl)phenyl)amino)phenyl)fumaronitrile

Grade	: >99%
Formula	: C <sub>80</sub> H <sub>56</sub> N <sub>4</sub>
M.W.	: 1073.33 g/mole

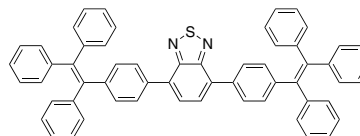


### LT-N4244 | BTPEBT

**NEW**

4,7-Bis(4-(1,2,2-triphenylvinyl)phenyl)benzo[c][1,2,5]thiadiazole

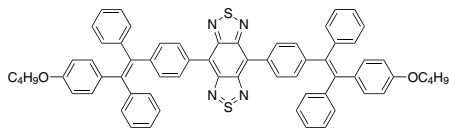
Grade	: >99%
Formula	: C <sub>58</sub> H <sub>40</sub> N <sub>2</sub> S
M.W.	: 797.02 g/mole



### LT-N4245 | $\beta$ -DTPEBBTD NEW

4,7-Bis(4-((E)-2-(4-butoxyphenyl)-1,2-diphenylvinyl)phenyl)benzo[1,2-c :4,5-c']bis[1,2,5]thiadiazole

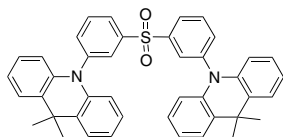
Grade : >98.5%  
 Formula :  $C_{66}H_{54}N_4O_2S_2$   
 M.W. : 999.29 g/mole



### LT-N6044 | m-ACSO2

10,10'-(Sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

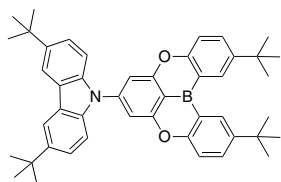
CAS No. : 1477512-43-8  
 Grade : Sublimed >99%  
 Formula :  $C_{42}H_{36}N_2O_2S$   
 M.W. : 632.81 g/mole  
 PL : 473 nm (film)  
 HOMO : -5.36 eV  
 LUMO : -2.26 eV



### LT-N6080 | TB-tCz

3,6-Di-tert-butyl-9-(2,12-di-tert-butyl-5,9-dioxo-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

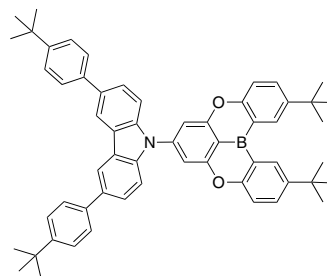
Grade : Sublimed >99%  
 Formula :  $C_{44}H_{50}BNO_2$   
 M.W. : 659.71 g/mole  
 PL : 415 nm (in Toluene)  
 HOMO : -5.64 eV  
 LUMO : -2.47 eV



### LT-N6081 | TB-tPCz

3,6-Bis(4-(tert-butyl)phenyl)-9-(2,12-di-tert-butyl-5,9-dioxo-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

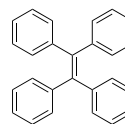
Grade : Sublimed >99%  
 Formula :  $C_{58}H_{58}BNO_2$   
 M.W. : 811.90 g/mole  
 PL : 422 nm (in Toluene)  
 HOMO : -5.69 eV  
 LUMO : -2.64 eV



### K0971

1,1,2,2-Tetraphenylethylene

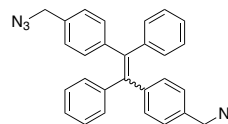
CAS No. : 632-51-9  
 Grade : >98%  
 Formula :  $(C_6H_5)_2C=C(C_6H_5)_2$   
 M.W. : 332.44 g/mole  
 Boiling Point : 420 °C (lit.)  
 Melting Point : 222-224 °C (lit.)



### K1710 | TPE-MN3

1,2-Bis[4-(azidomethyl)phenyl]-1,2-diphenylethene

CAS No. : 1054451-33-0  
 Formula :  $C_{28}H_{22}N_6$   
 M.W. : 442.51 g/mole



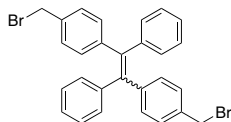
# Aggregation-Induced Emission (AIE) Materials

## Aggregation-Induced Emission (AIE) Materials

### K1711 | TPE-MB

1,2-Bis[4-(bromomethyl)phenyl]-1,2-diphenylethene

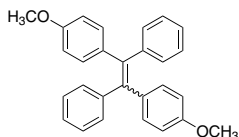
CAS No. : 1053241-67-0  
 Grade : >97%  
 Formula :  $C_{28}H_{22}Br_2$   
 M.W. : 518.28 g/mole



### K1712 | TPE-Ome

1,2-Bis(4-methoxyphenyl)-1,2-diphenylethene

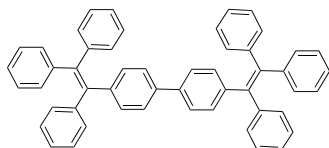
CAS No. : 68578-78-9  
 Grade : >97%  
 Formula :  $C_{28}H_{24}O_2$   
 M.W. : 392.49 g/mole



### K1713 | BTPE

4,4'-Bis(1,2,2-triphenylvinyl)-1,1'-biphenyl

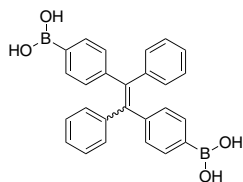
CAS No. : 158605-06-2  
 Grade : >98%  
 Formula :  $C_{52}H_{38}$   
 M.W. : 662.86 g/mole



### K1714 | TPE-BA

[(1,2-Diphenylethene-1,2-diyl)bis(4,1-phenylene)]diboronic acid

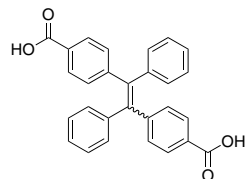
CAS No. : 1054451-31-8  
 Grade : >96%  
 Formula :  $C_{26}H_{22}B_2O_4$   
 M.W. : 420.07 g/mole



### K1715 | TPE-CA

4,4'-(1,2-Diphenylethene-1,2-diyl)dibenzoic acid

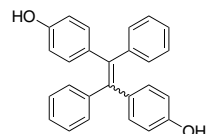
CAS No. : 1002339-79-8  
 Grade : >98%  
 Formula :  $C_{28}H_{20}O_4$   
 M.W. : 420.46 g/mole



### K1716 | TPE-DOH

4,4'-(1,2-Diphenylethene-1,2-diyl)diphenol

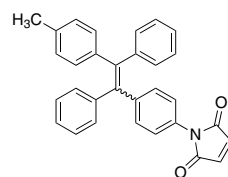
CAS No. : 68578-79-0  
 Grade : >97%  
 Formula :  $C_{26}H_{20}O_2$   
 M.W. : 364.44 g/mole  
 Melting Point : 225 °C (lit.)



### K1717 | TPE-Thiol

1-(4-[1,2-Diphenyl-2-(p-tolyl)vinyl]phenyl)-1H-pyrrole-2,5-dione

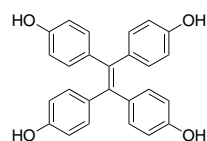
CAS No. : 1245606-71-6  
 Grade : >98%  
 Formula :  $C_{31}H_{23}NO_2$   
 M.W. : 441.52 g/mole



### K1718 | TPE-TOH

4,4',4'',4'''-(Ethene-1,1,2,2-tetrayl)tetraphenol

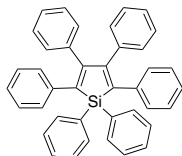
CAS No. : 119301-59-6  
 Grade : >98%  
 Formula :  $C_{26}H_{20}O_4$   
 M.W. : 396.43 g/mole



### K1719 | HPS

1,1,2,3,4,5-Hexaphenyl-1*H*-silole

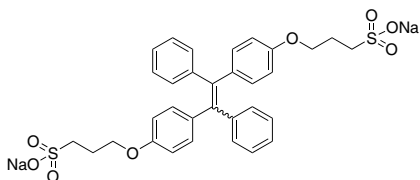
CAS No. : 752-28-3  
Grade : >98%  
Formula : C<sub>40</sub>H<sub>30</sub>Si  
M.W. : 538.75 g/mole  
Melting Point : 188-193 °C



### K1720 | TPE-Sulfonate

Sodium 3,3'-((1,2-diphenylethene-1,2-diyl)bis(4,1-phenylene))bis(oxy))bis(propane-1-sulfonate)

CAS No. : 953792-48-8  
Formula : C<sub>32</sub>H<sub>30</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
M.W. : 652.69 g/mole



**LT-EM0001** | BQ

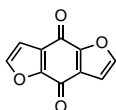
## 1,4-Benzoquinone

CAS No. : 106-51-4  
 Grade : >97%  
 Formula :  $C_6H_4O_2$   
 M.W. : 108.09g/mole

**LT-EM0002** | BFFD

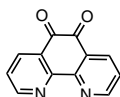
## 1,5-Dioxo-s-indacene-4,8-dione

CAS No. : 267220-47-3  
 Grade : >98%  
 Formula :  $C_{10}H_4O_4$   
 M.W. : 188.14g/mole

**LT-EM0003** | PhenQ

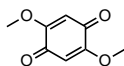
## 1,10-Phenanthroline-5,6-dione

CAS No. : 27318-90-7  
 Grade : >98%  
 Formula :  $C_{12}H_6N_2O_2$   
 M.W. : 210.19g/mole

**LT-EM0004** | DMBQ

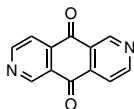
## 2,5-Dimethoxy-1,4-benzoquinone

CAS No. : 3117-03-1  
 Grade : >98%  
 Formula :  $C_8H_6O_4$   
 M.W. : 168.15g/mole

**LT-EM0005** | PID

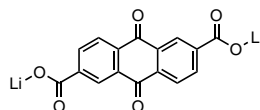
## Pyrido[3,4-g]isoquinoline-5,10-dione

CAS No. : 117727-15-8  
 Grade : >98%  
 Formula :  $C_{12}H_6N_2O_2$   
 M.W. : 210.19g/mole

**LT-EM0006** | LCAQ

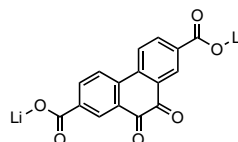
## 2,6-Bis(lithiooxycarbonyl)-9,10-anthraquinone

CAS No. : 1608502-79-9  
 Grade : >98%  
 Formula :  $C_{16}H_6Li_2O_6$   
 M.W. : 308.10g/mole

**LT-EM0007**

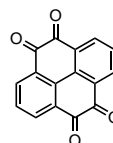
## 2,7-Bis(lithiooxycarbonyl)-9,10-dihydrophenanthrene-9,10-dione

CAS No. : 1608502-84-6  
 Grade : >97%  
 Formula :  $C_{16}H_6Li_2O_6$   
 M.W. : 308.10g/mole

**LT-EM0008** | PTO

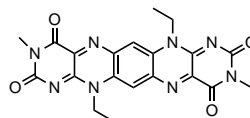
## 4,5,9,10-Pyrenetetrone

CAS No. : 14727-71-0  
 Grade : >95%  
 Formula :  $C_{16}H_6O_4$   
 M.W. : 262.22g/mole

**LT-EM0009** | BF-Me2

## 7,14-Diethyl-3,10-dimethyl-7,14-dihydro-1,3,5,7,8,10,12,14-octaaza-pentacene-2,4,9,11-tetraone

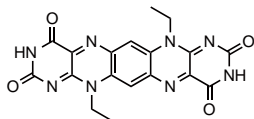
CAS No. : 96994-47-7  
 Grade : >98%  
 Formula :  $C_{20}H_{18}N_8O_4$   
 M.W. : 434.41g/mole





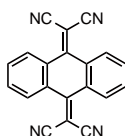
**LT-EM0010** | BF-H27,14-Diethyl-7,14-dihydropyrimido[5',4':2,3]quinoxalino[6,7-g]pteridine-2,4,9,11(3*H*,10*H*)-tetrone

CAS No. : 124901-74-2  
 Grade : >99%  
 Formula : C<sub>18</sub>H<sub>14</sub>N<sub>8</sub>O<sub>4</sub>  
 M.W. : 406.35g/mole

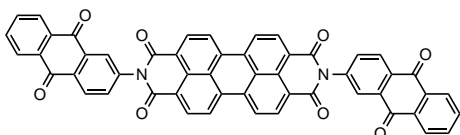
**LT-EM0011** | TCNAQ

2-[10-(Dicyanomethylidene)anthracen-9-ylidene]propanedinitrile

Grade : >99%  
 Formula : C<sub>20</sub>H<sub>8</sub>N<sub>4</sub>  
 M.W. : 304.30g/mole

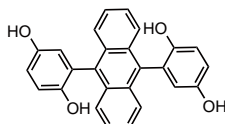
**LT-EM0012**2,9-Bis(9,10-dioxo-9,10-dihydroanthracen-2-yl)anthra[2,1,9-def:6,5,10-d'e'f']diisoquinoline-1,3,8,10(2*H*,9*H*)-tetraone

CAS No. : 127784-31-0  
 Formula : C<sub>52</sub>H<sub>22</sub>N<sub>2</sub>O<sub>8</sub>  
 M.W. : 802.74g/mole  
 TGA : >380 °C(0.5% weight loss)

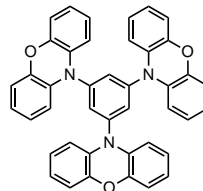
**LT-EM0013** | ABB4OH

Anthracene-9,10-bis(2-benzene-1,4-diol)

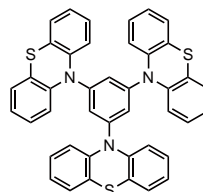
CAS No. : 247586-31-8  
 Grade : >99%  
 Formula : C<sub>26</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. : 394.42g/mole

**LT-EM0014** | 3PXZ1,3,5-Tri(10*H*-phenoxazin-10-yl)benzene

CAS No. : 1826112-61-1  
 Grade : >99%  
 Formula : C<sub>42</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>  
 M.W. : 621.68g/mole

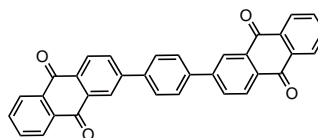
**LT-EM0015** | 3PTZ10,10',10''-(Benzene-1,3,5-triyl)tris(10*H*-phenothiazine)

CAS No. : 192326-10-6  
 Grade : >99%  
 Formula : C<sub>42</sub>H<sub>27</sub>N<sub>3</sub>S<sub>3</sub>  
 M.W. : 669.88g/mole

**LT-EM0016** | BAQB

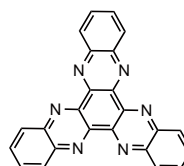
1,4-Bis(9,10-anthraquinonyl)benzene

CAS No. : 2600796-27-6  
 Grade : >99%  
 Formula : C<sub>34</sub>H<sub>18</sub>O<sub>4</sub>  
 M.W. : 490.50g/mole

**LT-N224** | HATNA

Diquinoxalino[2,3-a:2',3'-c]phenazine

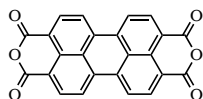
CAS No. : 214-83-5  
 Grade : Sublimed >99% / Unsublimed >97%  
 Formula : C<sub>24</sub>H<sub>12</sub>N<sub>6</sub>  
 M.W. : 384.39g/mole  
 UV : 295 378 nm(in CH<sub>2</sub>Cl<sub>2</sub>)  
 PL : 594 nm(in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA : >340 °C(0.5% weight loss)



**LT-S920** | **PTCDA**

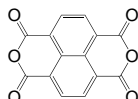
3,4,9,10-Perylenetetracarboxylic dianhydride

CAS No. : 128-69-8  
 Grade : Sublimed >99%  
 Formula :  $C_{24}H_8O_6$   
 M.W. : 392.32g/mole

**LT-S924** | **NTCDA**

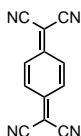
1,4,5,8-Naphthalenetetracarboxylic dianhydride

CAS No. : 81-30-1  
 Grade : Sublimed >99%  
 Formula :  $C_{14}H_4O_6$   
 M.W. : 268.18g/mole  
 UV : 366 nm (in  $CH_2Cl_2$ )  
 PL : 394 nm (in  $CH_2Cl_2$ )

**LT-S973** | **TCNQ**

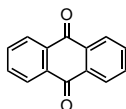
7,7,8,8-Tetracyanoquinodimethane

CAS No. : 1518-16-7  
 Grade : Sublimed >99% (HPLC)  
 Formula :  $C_{12}H_4N_4$   
 M.W. : 204.19g/mole  
 UV : 259, 404 nm (in  $CH_2Cl_2$ )  
 TGA : >210 °C (0.5% weight loss)

**A0300101010** | **AQ**

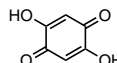
Anthraquinone

CAS No. : 84-65-1  
 Grade : >98%  
 Formula :  $C_{14}H_8O_2$   
 M.W. : 208.21g/mole

**D3340000000** | **DHBC**

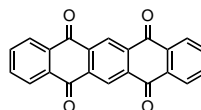
2,5-Dihydroxy-1,4-benzoquinone

CAS No. : 615-94-1  
 Grade : >98%  
 Formula :  $C_6H_4O_4$   
 M.W. : 140.09g/mole

**P1072400010** | **PT**

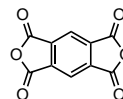
5,7,12,14-Pentacenetetron

CAS No. : 23912-79-0  
 Grade : >95%  
 Formula :  $C_{22}H_{10}O_4$   
 M.W. : 338.3g/mole

**T0001** | **PMDA**

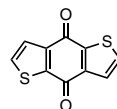
Pyromellitic Dianhydride

CAS No. : 89-32-7  
 Grade : >99%  
 Formula :  $C_{10}H_2O_6$   
 M.W. : 218.12g/mole

**K0140** | **BDTD**

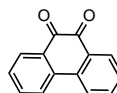
4,8-Dihydrobenzo[1,2-b :4,5-b']dithiophen-4,8-dione

CAS No. : 32281-36-0  
 Grade : >98%  
 Formula :  $C_{10}H_4O_2S_2$   
 M.W. : 220.27g/mole

**K0361** | **PQ**

9,10-Phenanthrenequinone

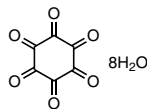
CAS No. : 84-11-7  
 Grade : >98%  
 Formula :  $C_{14}H_8O_2$   
 M.W. : 208.21g/mole



### K0550

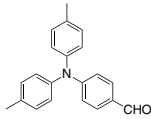
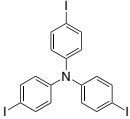
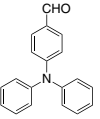
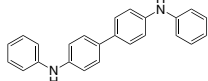
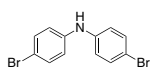
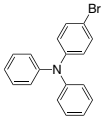
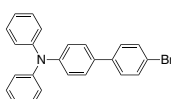
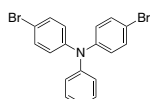
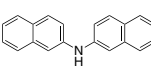
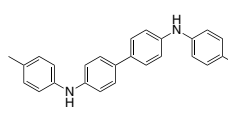
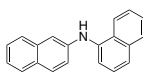
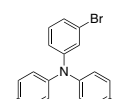
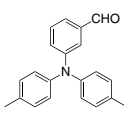
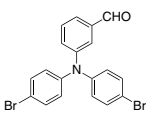
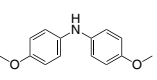
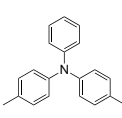
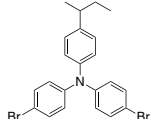
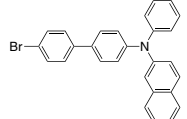
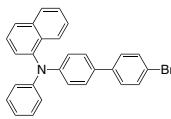
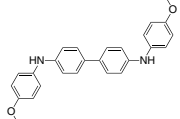
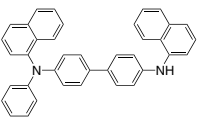
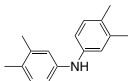
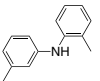
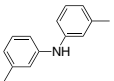
Hexaketocyclohexane octahydrate

CAS No. : 527-31-1  
Grade : >98%  
Formula :  $C_6H_{16}O_{14}$   
M.W. : 312.18g/mole



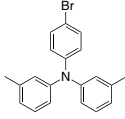
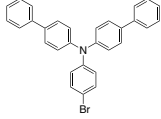
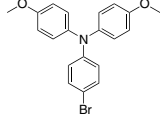
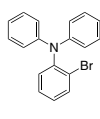
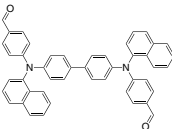
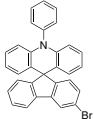
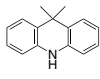
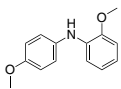
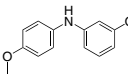
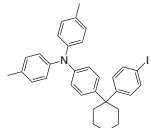
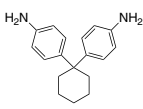
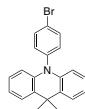
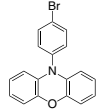
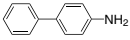
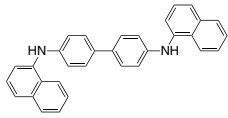
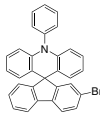
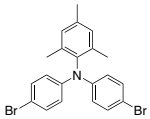
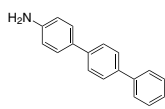
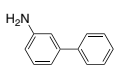

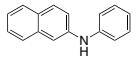
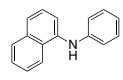
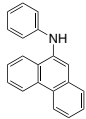
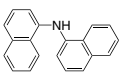
# Synthetic Intermediates and Reagents

## Arylamines

<p><b>K0013</b>   42906-19-4</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>ClINO M.W. : 301.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0019</b>   4181-20-8</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>I<sub>2</sub>N M.W. : 623.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0030</b>   4181-5-9</p>  <p>Formula : C<sub>19</sub>H<sub>15</sub>NO M.W. : 273.33 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0060</b>   531-91-9</p>  <p>Formula : C<sub>24</sub>H<sub>20</sub>N<sub>2</sub> M.W. : 336.43 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0061</b>   16292-17-4</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>Br<sub>2</sub>N M.W. : 327.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0062</b>   36809-26-4</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>BrN M.W. : 324.21 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0063</b>   202831-65-0</p>  <p>Formula : C<sub>24</sub>H<sub>18</sub>BrN M.W. : 400.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0064</b>   81090-53-1</p>  <p>Formula : C<sub>18</sub>H<sub>13</sub>Br<sub>2</sub>N M.W. : 403.11 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0066</b>   532-18-3</p>  <p>Formula : C<sub>20</sub>H<sub>15</sub>N M.W. : 269.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0067</b>   10311-61-2</p>  <p>Formula : C<sub>26</sub>H<sub>24</sub>N<sub>2</sub> M.W. : 364.48 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0073</b>   4669-06-1</p>  <p>Formula : C<sub>20</sub>H<sub>15</sub>N M.W. : 269.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0151</b>   845526-91-2</p>  <p>Formula : C<sub>20</sub>H<sub>18</sub>BrN M.W. : 352.27 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0154</b>   287937-02-4</p>  <p>Formula : C<sub>21</sub>H<sub>19</sub>NO M.W. : 301.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0215</b>   1469780-16-2</p>  <p>Formula : C<sub>19</sub>H<sub>13</sub>Br<sub>2</sub>NO M.W. : 431.12 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0353</b>   101-70-2</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>NO<sub>2</sub> M.W. : 229.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0355</b>   20440-95-3</p>  <p>Formula : C<sub>20</sub>H<sub>19</sub>N M.W. : 273.37 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0388</b>   287976-94-7</p>  <p>Formula : C<sub>22</sub>H<sub>21</sub>Br<sub>2</sub>N M.W. : 459.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0432</b>   308144-65-2</p>  <p>Formula : C<sub>28</sub>H<sub>20</sub>BrN M.W. : 450.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0463</b>   352359-42-3</p>  <p>Formula : C<sub>28</sub>H<sub>20</sub>BrN M.W. : 450.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0750</b>   59131-00-9</p>  <p>Formula : C<sub>26</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 396.48 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0751</b>   352359-43-4</p>  <p>Formula : C<sub>38</sub>H<sub>28</sub>N<sub>2</sub> M.W. : 512.64 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0752</b>   55389-75-8</p>  <p>Formula : C<sub>16</sub>H<sub>19</sub>N M.W. : 225.33 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0753</b>   34801-11-1</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>N M.W. : 197.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0754</b>   626-13-1</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>N M.W. : 197.28 g/mole Grade : &gt;98% (HPLC)</p>

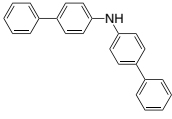
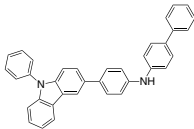
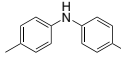
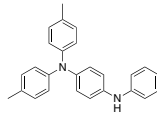
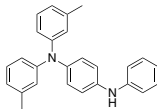
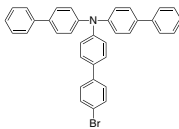

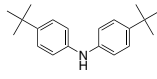
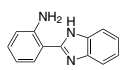
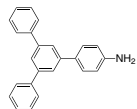
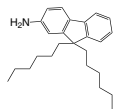
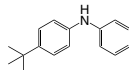
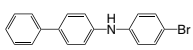
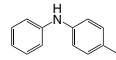
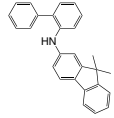
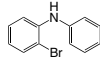
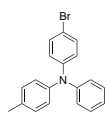
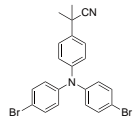
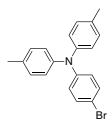
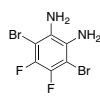
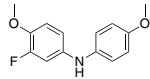
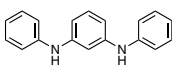
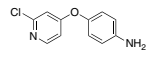
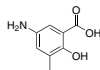
# Synthetic Intermediates and Reagents

## Arylamines

<p><b>K0755</b>   203710-89-8</p>  <p>Formula : C<sub>20</sub>H<sub>18</sub>BrN M.W. : 352.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0835</b>   499128-71-1</p>  <p>Formula : C<sub>30</sub>H<sub>22</sub>BrN M.W. : 476.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0837</b>   194416-45-0</p>  <p>Formula : C<sub>20</sub>H<sub>18</sub>BrNO<sub>2</sub> M.W. : 384.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0852</b>   78600-31-4</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>BrN M.W. : 324.21 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0853</b>   854938-56-0</p>  <p>Formula : C<sub>46</sub>H<sub>32</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 644.76 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>K0867</b>   1467099-22-4</p>  <p>Formula : C<sub>31</sub>H<sub>20</sub>BrN M.W. : 486.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0881</b>   6267-02-3</p>  <p>Formula : C<sub>15</sub>H<sub>15</sub>N M.W. : 209.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0882</b>   58751-07-8</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>NO<sub>2</sub> M.W. : 229.27 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0883</b>   3661-49-2</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>NO<sub>2</sub> M.W. : 229.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0884</b>   1548941-62-3</p>  <p>Formula : C<sub>32</sub>H<sub>32</sub>IN M.W. : 557.51 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0886</b>   3282-99-3</p>  <p>Formula : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub> M.W. : 266.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0893</b>   1342892-15-2</p>  <p>Formula : C<sub>21</sub>H<sub>18</sub>BrN M.W. : 364.28 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0894</b>   71041-21-9</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>BrNO M.W. : 338.2 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0899</b>   92-67-1</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>N M.W. : 169.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0916</b>   152670-41-2</p>  <p>Formula : C<sub>32</sub>H<sub>24</sub>N<sub>2</sub> M.W. : 436.55 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0940</b>   1241891-64-4</p>  <p>Formula : C<sub>31</sub>H<sub>20</sub>BrN M.W. : 486.4 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0964</b>   663943-27-9</p>  <p>Formula : C<sub>21</sub>H<sub>19</sub>Br<sub>2</sub>N M.W. : 445.19 g/mole Grade : &gt;98%</p>	<p><b>K1129</b>   7293-45-0</p>  <p>Formula : C<sub>18</sub>H<sub>15</sub>N M.W. : 245.32 g/mole Grade : &gt;98%</p>	<p><b>K1131</b>   2243-47-2</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>N M.W. : 169.22 g/mole Grade : &gt;99%</p>	<p><b>K1132</b>   90-41-5</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>N M.W. : 169.22 g/mole Grade : &gt;99%</p>
<p><b>K1133</b>   135-88-6</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>N M.W. : 219.28 g/mole Grade : &gt;99%</p>	<p><b>K1134</b>   90-30-2</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>N M.W. : 219.28 g/mole Grade : &gt;99%</p>	<p><b>K1135</b>   3920-79-4</p>  <p>Formula : C<sub>20</sub>H<sub>15</sub>N M.W. : 269.34 g/mole Grade : &gt;99%</p>	<p><b>K1136</b>   737-89-3</p>  <p>Formula : C<sub>20</sub>H<sub>15</sub>N M.W. : 269.34 g/mole Grade : &gt;99%</p>

# Synthetic Intermediates and Reagents

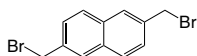
## Arylamines

<p><b>K1137</b>   102113-98-4</p>  <p>Formula : C<sub>24</sub>H<sub>19</sub>N M.W. : 321.41 g/mole Grade : &gt;99%</p>	<p><b>K1138</b>   1160294-96-1</p>  <p>Formula : C<sub>36</sub>H<sub>26</sub>N<sub>2</sub> M.W. : 486.61 g/mole Grade : &gt;99%</p>	<p><b>K1139</b>   620-93-9</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>N M.W. : 197.28 g/mole Grade : &gt;99%</p>	<p><b>K1140</b>   329180-20-3</p>  <p>Formula : C<sub>26</sub>H<sub>24</sub>N<sub>2</sub> M.W. : 364.48 g/mole Grade : &gt;99%</p>
<p><b>K1141</b>   308814-67-7</p>  <p>Formula : C<sub>26</sub>H<sub>24</sub>N<sub>2</sub> M.W. : 364.48 g/mole Grade : &gt;99%</p>	<p><b>K1142</b>   728039-63-2</p>  <p>Formula : C<sub>36</sub>H<sub>26</sub>BrN M.W. : 552.5 g/mole Grade : &gt;99%</p>	<p><b>K1143</b>   101716-43-2</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>N<sub>2</sub> M.W. : 258.32 g/mole Grade : &gt;99%</p>	<p><b>K1144</b>   4627-22-9</p>  <p>Formula : C<sub>20</sub>H<sub>27</sub>N M.W. : 281.44 g/mole Grade : &gt;99%</p>
<p><b>K1145</b>   5805-39-0</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>N<sub>3</sub> M.W. : 209.25 g/mole Grade : &gt;99%</p>	<p><b>K1146</b>   343239-58-7</p>  <p>Formula : C<sub>24</sub>H<sub>19</sub>N M.W. : 321.41 g/mole Grade : &gt;98%</p>	<p><b>K1290</b>   1132796-42-9</p>  <p>Formula : C<sub>25</sub>H<sub>35</sub>N M.W. : 349.55 g/mole Grade : &gt;97%</p>	<p><b>K1294</b>   4496-49-5</p>  <p>Formula : C<sub>16</sub>H<sub>19</sub>N M.W. : 225.33 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K1282</b>   1160294-93-8</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>BrN M.W. : 324.21 g/mole Grade : &gt;98%</p>	<p><b>K1285</b>   620-84-8</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98%</p>	<p><b>K1312</b>   1198395-24-2</p>  <p>Formula : C<sub>27</sub>H<sub>23</sub>N M.W. : 361.48 g/mole Grade : &gt;98%</p>	<p><b>K1346</b>   61613-22-7</p>  <p>Formula : C<sub>12</sub>H<sub>10</sub>BrN M.W. : 248.12 g/mole Grade : &gt;98%</p>
<p><b>K1759</b>  </p>  <p>Formula : C<sub>19</sub>H<sub>16</sub>BrN M.W. : 338.24 g/mole Grade : &gt;98%</p>	<p><b>K1762</b>  </p>  <p>Formula : C<sub>22</sub>H<sub>18</sub>Br<sub>2</sub>N<sub>2</sub> M.W. : 470.2 g/mole Grade : &gt;98%</p>	<p><b>K1764</b>   58047-42-0</p>  <p>Formula : C<sub>20</sub>H<sub>18</sub>BrN M.W. : 352.27 g/mole Grade : &gt;98%</p>	<p><b>K1765</b>   1345627-73-7</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub> M.W. : 301.91 g/mole Grade : &gt;98%</p>
<p><b>K1771</b>  </p>  <p>Formula : C<sub>14</sub>H<sub>14</sub>FNO<sub>2</sub> M.W. : 247.26 g/mole Grade : &gt;98%</p>	<p><b>K1772</b>   5905-36-2</p>  <p>Formula : C<sub>18</sub>H<sub>18</sub>N<sub>2</sub> M.W. : 260.33 g/mole Grade : &gt;98%</p>	<p><b>K1816</b>   630125-70-1</p> <p><b>NEW</b></p>  <p>Formula : C<sub>11</sub>H<sub>9</sub>ClN<sub>2</sub>O M.W. : 220.65 g/mole Grade : &gt;98%</p>	<p><b>K1819</b>   6265-14-1</p> <p><b>NEW</b></p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>NO<sub>3</sub> M.W. : 167.16 g/mole Grade : &gt;95%</p>

# Synthetic Intermediates and Reagents

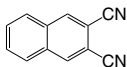
## Naphthalenes / Acenaphthenes

**K0028** | 4542-77-2



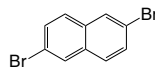
Formula : C<sub>12</sub>H<sub>10</sub>Br<sub>2</sub>  
M.W. : 314.02 g/mole  
Grade : >98% (HPLC)

**K0089** | 22856-30-0



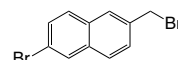
Formula : C<sub>12</sub>H<sub>6</sub>N<sub>2</sub>  
M.W. : 178.19 g/mole  
Grade : >98% (HPLC)

**K0139** | 13720-06-4



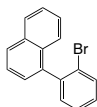
Formula : C<sub>10</sub>H<sub>6</sub>Br<sub>2</sub>  
M.W. : 285.96 g/mole  
Grade : >98% (HPLC)

**K0143** | 305798-02-1



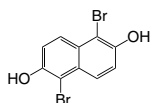
Formula : C<sub>11</sub>H<sub>6</sub>Br<sub>2</sub>  
M.W. : 299.99 g/mole  
Grade : >98% (HPLC)

**K0413** | 18937-92-3



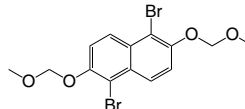
Formula : C<sub>16</sub>H<sub>11</sub>Br  
M.W. : 283.16 g/mole  
Grade : >95% (HPLC)

**K0589** | 132178-78-0



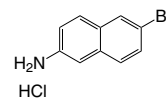
Formula : C<sub>10</sub>H<sub>6</sub>Br<sub>2</sub>O<sub>2</sub>  
M.W. : 317.96 g/mole  
Grade : >98% (HPLC)

**K0590** | 245093-97-4



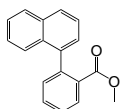
Formula : C<sub>14</sub>H<sub>14</sub>Br<sub>2</sub>O<sub>4</sub>  
M.W. : 406.07 g/mole  
Grade : >98% (HPLC)

**K0872** | 71590-31-3



Formula : C<sub>10</sub>H<sub>9</sub>BrClN  
M.W. : 258.54 g/mole  
Grade : >98% (HPLC)

**K0932** | 93655-02-8



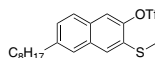
Formula : C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>  
M.W. : 262.3 g/mole  
Grade : >98% (HPLC)

**K1289** | 32277-35-3



Formula : C<sub>12</sub>H<sub>10</sub>  
M.W. : 154.21 g/mole  
Grade : >97%

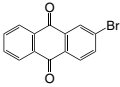
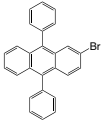
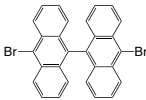
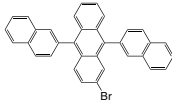
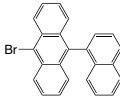
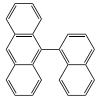


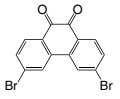
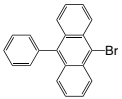
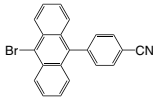
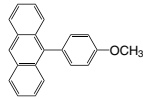
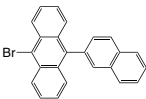
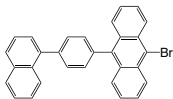
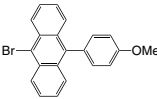
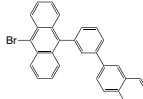

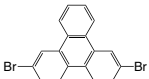
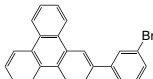
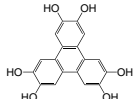
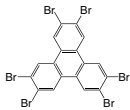
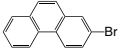
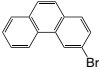
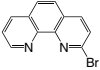
**K1774** |



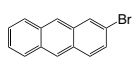
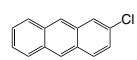
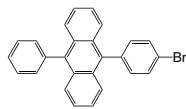
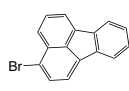
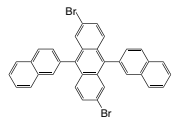
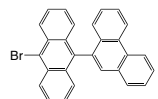
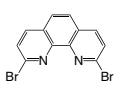
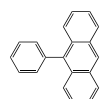
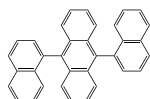
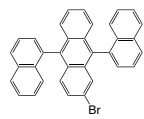
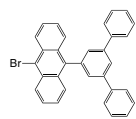
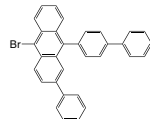

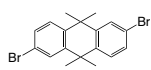
Formula : C<sub>20</sub>H<sub>25</sub>F<sub>3</sub>O<sub>3</sub>S<sub>2</sub>  
M.W. : 434.54 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

## Anthracenes / Phenanthracenes

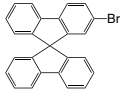

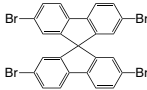

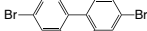
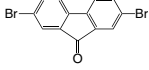
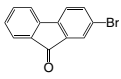
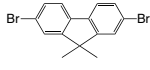
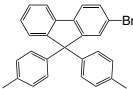
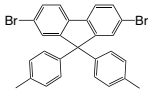

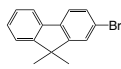
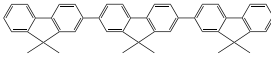
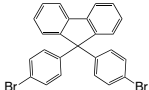


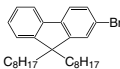
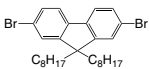
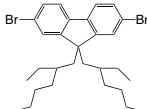
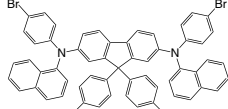
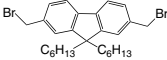
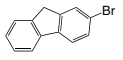
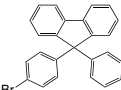
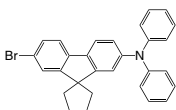
<p><b>K0035</b>   572-83-8</p>  <p>Formula : C<sub>14</sub>H<sub>7</sub>BrO<sub>2</sub> M.W. : 287.11 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0037</b>   201731-79-5</p>  <p>Formula : C<sub>26</sub>H<sub>17</sub>Br M.W. : 409.32 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0054</b>   121848-75-7</p>  <p>Formula : C<sub>28</sub>H<sub>16</sub>Br<sub>2</sub> M.W. : 512.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0058</b>   474688-76-1</p>  <p>Formula : C<sub>34</sub>H<sub>21</sub>Br M.W. : 509.43 g/mole Grade : &gt;97% (HPLC)</p>
<p><b>K0076</b>   400607-04-7</p>  <p>Formula : C<sub>24</sub>H<sub>15</sub>Br M.W. : 383.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0077</b>   7424-70-6</p>  <p>Formula : C<sub>24</sub>H<sub>16</sub> M.W. : 304.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0360</b>   523-27-3</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 336.02 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0362</b>   1055-23-8</p>  <p>Formula : C<sub>28</sub>H<sub>18</sub> M.W. : 354.44 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0404</b>   53348-05-3</p>  <p>Formula : C<sub>14</sub>H<sub>6</sub>Br<sub>2</sub>O<sub>2</sub> M.W. : 366.0 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0464</b>   23674-20-6</p>  <p>Formula : C<sub>20</sub>H<sub>13</sub>Br M.W. : 333.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0875</b>   937372-45-7</p>  <p>Formula : C<sub>21</sub>H<sub>12</sub>BrN M.W. : 358.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0877</b>   23674-15-9</p>  <p>Formula : C<sub>21</sub>H<sub>16</sub>O M.W. : 284.35 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0901</b>   474688-73-8</p>  <p>Formula : C<sub>24</sub>H<sub>15</sub>Br M.W. : 383.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0909</b>   1092390-01-6</p>  <p>Formula : C<sub>30</sub>H<sub>19</sub>Br M.W. : 459.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0930</b>   158902-11-5</p>  <p>Formula : C<sub>21</sub>H<sub>15</sub>BrO M.W. : 363.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0935</b>   944801-33-6</p>  <p>Formula : C<sub>30</sub>H<sub>19</sub>Br M.W. : 459.38 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K1097</b>   19111-87-6</p>  <p>Formula : C<sub>18</sub>H<sub>11</sub>Br M.W. : 307.18 g/mole Grade : &gt;98%</p>	<p><b>K1098</b>   888041-37-0</p>  <p>Formula : C<sub>18</sub>H<sub>10</sub>Br<sub>2</sub> M.W. : 386.08 g/mole Grade : &gt;98%</p>	<p><b>K1099</b>   1313514-53-2</p>  <p>Formula : C<sub>24</sub>H<sub>15</sub>Br M.W. : 383.28 g/mole Grade : &gt;98%</p>	<p><b>K1100</b>   4877-80-9</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>O<sub>6</sub> M.W. : 324.28 g/mole Grade : &gt;98%</p>
<p><b>K1101</b>   82632-80-2</p>  <p>Formula : C<sub>18</sub>H<sub>6</sub>Br<sub>6</sub> M.W. : 701.66 g/mole Grade : &gt;98%</p>	<p><b>K1102</b>   62162-97-4</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>Br M.W. : 257.13 g/mole Grade : &gt;98%</p>	<p><b>K1103</b>   715-50-4</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>Br M.W. : 257.13 g/mole Grade : &gt;98%</p>	<p><b>K1104</b>   22426-14-8</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrN<sub>2</sub> M.W. : 259.1 g/mole Grade : &gt;98%</p>



<p><b>K1105</b>   7321-27-9</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>Br M.W. : 257.13 g/mole Grade : &gt;98%</p>	<p><b>K1106</b>   17135-78-3</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>Cl M.W. : 212.67 g/mole Grade : &gt;99%</p>	<p><b>K1107</b>   625854-02-6</p>  <p>Formula : C<sub>26</sub>H<sub>17</sub>Br M.W. : 409.32 g/mole Grade : &gt;98%</p>	<p><b>K1108</b>   13438-50-1</p>  <p>Formula : C<sub>16</sub>H<sub>9</sub>Br M.W. : 281.15 g/mole Grade : &gt;98%</p>
<p><b>K1109</b>   561064-15-1</p>  <p>Formula : C<sub>34</sub>H<sub>20</sub>Br<sub>2</sub> M.W. : 588.33 g/mole Grade : &gt;98%</p>	<p><b>K1110</b>   845457-53-6</p>  <p>Formula : C<sub>28</sub>H<sub>17</sub>Br M.W. : 433.34 g/mole Grade : &gt;98%</p>	<p><b>K1111</b>   39069-02-8</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub> M.W. : 338 g/mole Grade : &gt;99%</p>	<p><b>K1112</b>   602-55-1</p>  <p>Formula : C<sub>20</sub>H<sub>14</sub> M.W. : 254.33 g/mole Grade : &gt;99%</p>
<p><b>K1113</b>   26979-27-1</p>  <p>Formula : C<sub>34</sub>H<sub>22</sub> M.W. : 430.54 g/mole Grade : &gt;99%</p>	<p><b>K1115</b>   929031-39-0</p>  <p>Formula : C<sub>34</sub>H<sub>21</sub>Br M.W. : 509.43 g/mole Grade : &gt;98%</p>	<p><b>K1117</b>   474688-74-9</p>  <p>Formula : C<sub>32</sub>H<sub>21</sub>Br M.W. : 485.41 g/mole Grade : &gt;99%</p>	<p><b>K1118</b>   1195975-03-1</p>  <p>Formula : C<sub>32</sub>H<sub>21</sub>Br M.W. : 485.41 g/mole Grade : &gt;98%</p>
<p><b>K1119</b>   781-43-1</p>  <p>Formula : C<sub>16</sub>H<sub>14</sub> M.W. : 206.28 g/mole Grade : &gt;99%</p>	<p><b>K1121</b>   886363-70-8</p>  <p>Formula : C<sub>18</sub>H<sub>18</sub>Br<sub>2</sub> M.W. : 394.14 g/mole Grade : &gt;99%</p>		

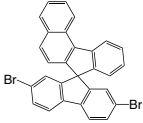
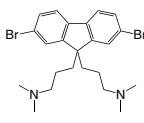
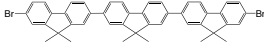
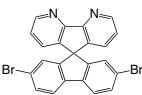


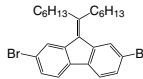

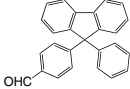
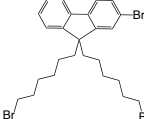
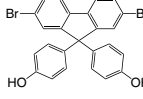
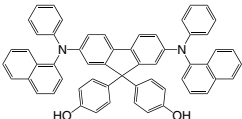

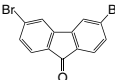
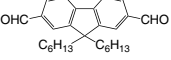
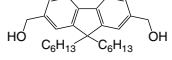
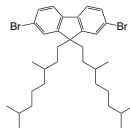
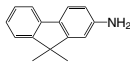
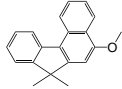
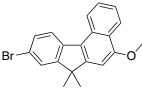
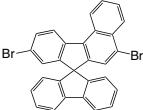
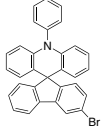
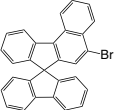
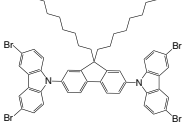
# Synthetic Intermediates and Reagents

## Fluorenes / Fluoranthenes

<p><b>K0001</b>   171408-76-7</p>  <p>Formula : C<sub>25</sub>H<sub>15</sub>Br M.W. : 395.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0002</b>   171408-84-7</p>  <p>Formula : C<sub>25</sub>H<sub>14</sub>Br<sub>2</sub> M.W. : 474.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0003</b>   128055-74-3</p>  <p>Formula : C<sub>25</sub>H<sub>12</sub>Br<sub>4</sub> M.W. : 631.98 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0004</b>   159-66-0</p>  <p>Formula : C<sub>25</sub>H<sub>16</sub> M.W. : 316.39 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0005</b>   16433-88-8</p>  <p>Formula : C<sub>13</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 324.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0006</b>   14348-75-5</p>  <p>Formula : C<sub>13</sub>H<sub>6</sub>Br<sub>2</sub>O M.W. : 337.99 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0009</b>   3096-56-8</p>  <p>Formula : C<sub>13</sub>H<sub>7</sub>BrO M.W. : 259.10 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0010</b>   28320-32-3</p>  <p>Formula : C<sub>15</sub>H<sub>12</sub>Br<sub>2</sub> M.W. : 352.06 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0011</b>   474918-33-7</p>  <p>Formula : C<sub>27</sub>H<sub>21</sub>Br M.W. : 425.36 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0012</b>   357645-37-5</p>  <p>Formula : C<sub>27</sub>H<sub>20</sub>Br<sub>2</sub> M.W. : 504.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0020</b>   486-25-9</p>  <p>Formula : C<sub>13</sub>H<sub>8</sub>O M.W. : 180.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0023</b>   28320-31-2</p>  <p>Formula : C<sub>15</sub>H<sub>13</sub>Br M.W. : 273.17 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0024</b>   851478-90-5</p>  <p>Formula : C<sub>45</sub>H<sub>38</sub> M.W. : 578.78 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0025</b>   128406-10-0</p>  <p>Formula : C<sub>25</sub>H<sub>16</sub>Br<sub>2</sub> M.W. : 476.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0032</b>   790674-48-5</p>  <p>Formula : C<sub>25</sub>H<sub>14</sub>I<sub>2</sub> M.W. : 568.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0033</b>   67665-45-6</p>  <p>Formula : C<sub>25</sub>H<sub>18</sub>N<sub>2</sub> M.W. : 346.42 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0050</b>   302554-80-9</p>  <p>Formula : C<sub>29</sub>H<sub>41</sub>Br M.W. : 469.54 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0086</b>   198964-46-4</p>  <p>Formula : C<sub>29</sub>H<sub>40</sub>Br<sub>2</sub> M.W. : 548.44 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0088</b>   188200-93-3</p>  <p>Formula : C<sub>29</sub>H<sub>40</sub>Br<sub>2</sub> M.W. : 548.44 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0126</b></p>  <p>Formula : C<sub>55</sub>H<sub>42</sub>Br<sub>2</sub>N<sub>2</sub> M.W. : 938.79 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0295</b>   187148-75-0</p>  <p>Formula : C<sub>27</sub>H<sub>36</sub>Br<sub>2</sub> M.W. : 520.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0344</b>   1133-80-8</p>  <p>Formula : C<sub>13</sub>H<sub>9</sub>Br M.W. : 245.11 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0405</b>   937082-81-0</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>Br M.W. : 397.31 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0406</b>   202831-64-9</p>  <p>Formula : C<sub>29</sub>H<sub>26</sub>BrN M.W. : 468.43 g/mole Grade : &gt;98% (HPLC)</p>

# Synthetic Intermediates and Reagents

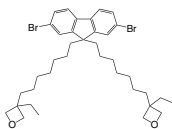
## Fluorenes / Fluoranthenes

<p><b>K0412</b>   1185855-21-3</p>  <p>Formula : <math>C_{29}H_{16}Br_2</math> M.W. : 524.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0429</b>   673474-73-2</p>  <p>Formula : <math>C_{23}H_{30}Br_2N_2</math> M.W. : 494.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0437</b>   607739-64-0</p>  <p>Formula : <math>C_{45}H_{36}Br_2</math> M.W. : 736.58 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0450</b>   198142-63-1</p>  <p>Formula : <math>C_{23}H_{12}Br_2N_2</math> M.W. : 476.16 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0467</b>   50890-67-0</p>  <p>Formula : <math>C_{11}H_6N_2O</math> M.W. : 182.18 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0468</b>   171856-25-0</p>  <p>Formula : <math>C_{23}H_{14}N_2</math> M.W. : 318.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0469</b>   738580-15-9</p>  <p>Formula : <math>C_{26}H_{32}Br_2</math> M.W. : 504.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0470</b>   746-47-4</p>  <p>Formula : <math>C_{26}H_{16}</math> M.W. : 328.41 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0531</b>   1186096-65-0</p>  <p>Formula : <math>C_{26}H_{18}O</math> M.W. : 346.42 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0573</b>   438201-29-7</p>  <p>Formula : <math>C_{25}H_{31}Br_2</math> M.W. : 571.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0581</b>   169169-89-5</p>  <p>Formula : <math>C_{25}H_{16}Br_2O_2</math> M.W. : 508.2 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0582</b>   1173170-47-2</p>  <p>Formula : <math>C_{57}H_{40}N_2O_2</math> M.W. : 784.94 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0604</b>   1161009-88-6</p>  <p>Formula : <math>C_{25}H_{15}Br</math> M.W. : 395.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0609</b>   216312-73-1</p>  <p>Formula : <math>C_{13}H_6Br_2O</math> M.W. : 337.99 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0626</b>   295796-57-5</p>  <p>Formula : <math>C_{27}H_{34}O_2</math> M.W. : 390.56 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0627</b>   295796-56-4</p>  <p>Formula : <math>C_{27}H_{38}O_2</math> M.W. : 394.59 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0678</b>   325461-30-1</p>  <p>Formula : <math>C_{33}H_{48}Br_2</math> M.W. : 604.54 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0759</b>   108714-73-4</p>  <p>Formula : <math>C_{15}H_{15}N</math> M.W. : 209.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0760</b>  </p>  <p>Formula : <math>C_{20}H_{18}O</math> M.W. : 274.36 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0761</b>  </p>  <p>Formula : <math>C_{20}H_{17}BrO</math> M.W. : 353.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0866</b>   1242570-65-5</p>  <p>Formula : <math>C_{29}H_{16}Br_2</math> M.W. : 524.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0867</b>   1467099-22-4</p>  <p>Formula : <math>C_{31}H_{20}BrN</math> M.W. : 486.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0868</b>   1175203-78-7</p>  <p>Formula : <math>C_{29}H_{17}Br</math> M.W. : 445.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0871</b>   1260496-44-3</p>  <p>Formula : <math>C_{53}H_{52}Br_2N_2</math> M.W. : 1036.61 g/mole Grade : &gt;97% (HPLC)</p>

# Synthetic Intermediates and Reagents

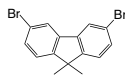
## Fluorenes / Fluoranthenes

**K0874** | 124570-65-5



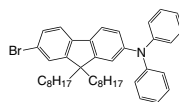
Formula :  $C_{37}H_{52}Br_2O_2$   
M.W. : 688.62 g/mole  
Grade : >97% (HPLC)

**K0895** | 865702-19-8



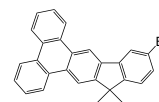
Formula :  $C_{15}H_{12}Br_2$   
M.W. : 352.06 g/mole  
Grade : >98% (HPLC)

**K0904** | 1262758-37-1



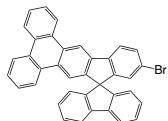
Formula :  $C_{41}H_{50}BrN$   
M.W. : 636.75 g/mole  
Grade : >98% (HPLC)

**K0907** |



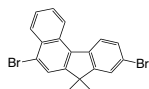
Formula :  $C_{27}H_{19}Br$   
M.W. : 423.34 g/mole  
Grade : >98% (HPLC)

**K0933** |



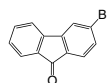
Formula :  $C_{37}H_{21}Br$   
M.W. : 545.47 g/mole  
Grade : >98% (HPLC)

**K0934** | 1056884-35-5



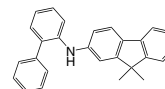
Formula :  $C_{19}H_{14}Br_2$   
M.W. : 402.12 g/mole  
Grade : >98% (HPLC)

**K0941** | 2041-19-2



Formula :  $C_{13}H_7BrO$   
M.W. : 259.1 g/mole  
Grade : >98% (HPLC)

**K1063** | 1198395-24-2



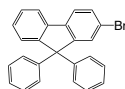
Formula :  $C_{27}H_{23}N$   
M.W. : 361.48 g/mole  
Grade : >99%

**K1065** | 4269-17-4



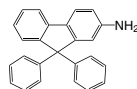
Formula :  $C_{13}H_7BrO$   
M.W. : 259.1 g/mole  
Grade : >98%

**K1066** | 474918-32-6



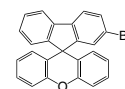
Formula :  $C_{25}H_{17}Br$   
M.W. : 397.31 g/mole  
Grade : >99%

**K1067** | 1268519-74-9



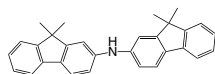
Formula :  $C_{25}H_{19}N$   
M.W. : 333.43 g/mole  
Grade : >99%

**K1068** | 899422-06-1



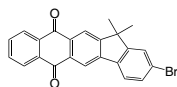
Formula :  $C_{25}H_{15}BrO$   
M.W. : 411.29 g/mole  
Grade : >98%

**K1069** | 500717-23-7



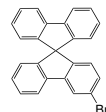
Formula :  $C_{30}H_{27}N$   
M.W. : 401.54 g/mole  
Grade : >99%

**K1070** | 1196107-73-9



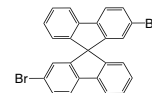
Formula :  $C_{23}H_{15}BrO_2$   
M.W. : 403.27 g/mole  
Grade : >98%

**K1071** | 1361227-58-8



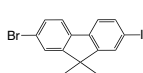
Formula :  $C_{25}H_{15}Br$   
M.W. : 395.29 g/mole  
Grade : >99%

**K1072** | 67665-47-8



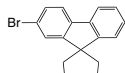
Formula :  $C_{25}H_{14}Br_2$   
M.W. : 474.19 g/mole  
Grade : >98%

**K1073** | 319906-45-1



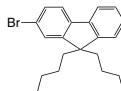
Formula :  $C_{15}H_{12}BrI$   
M.W. : 399.06 g/mole  
Grade : >98%

**K1074** | 287493-15-6



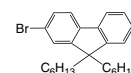
Formula :  $C_{17}H_{17}Br$   
M.W. : 301.22 g/mole  
Grade : >99%

**K1075** | 88223-35-2



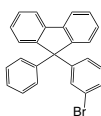
Formula :  $C_{21}H_{25}Br$   
M.W. : 357.33 g/mole  
Grade : >99%

**K1076** | 226070-05-9



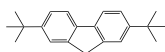
Formula :  $C_{25}H_{33}Br$   
M.W. : 413.43 g/mole  
Grade : >98%

**K1077** | 1257251-75-4



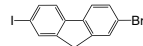
Formula :  $C_{25}H_{17}Br$   
M.W. : 397.31 g/mole  
Grade : >99%

**K1078** | 58775-05-6



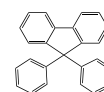
Formula :  $C_{21}H_{26}$   
M.W. : 278.43 g/mole  
Grade : >99%

**K1079** | 123348-27-6



Formula :  $C_{13}H_8BrI$   
M.W. : 371.01 g/mole  
Grade : >98%


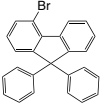
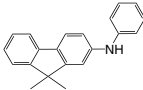
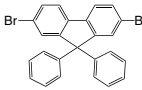

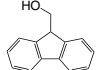
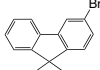
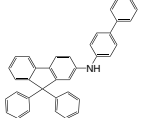
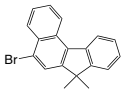
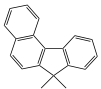
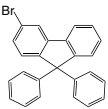
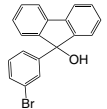
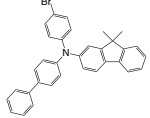
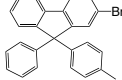
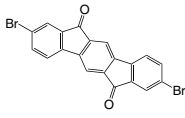
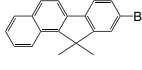
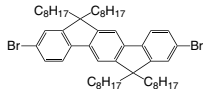
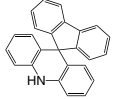
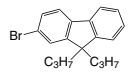
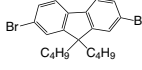
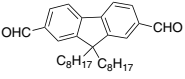
**K1080** | 20302-14-1



Formula :  $C_{25}H_{18}$   
M.W. : 318.41 g/mole  
Grade : >99%

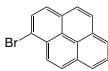
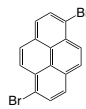
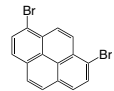
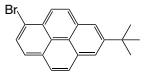

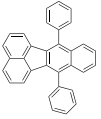
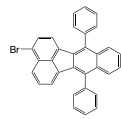
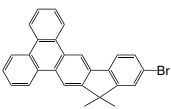
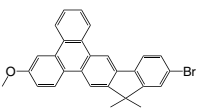
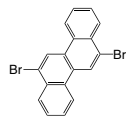

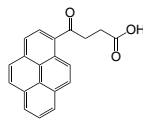
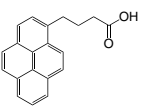
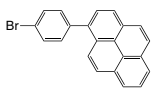
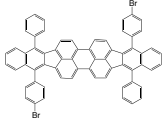
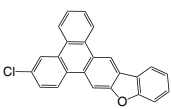
# Synthetic Intermediates and Reagents

## Fluorenes / Fluoranthenes

<p><b>K1081</b>   942615-32-9</p>  <p>Formula : C<sub>15</sub>H<sub>13</sub>Br M.W. : 273.17 g/mole Grade : &gt;99%</p>	<p><b>K1082</b>   713125-22-5</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>Br M.W. : 397.31 g/mole Grade : &gt;98%</p>	<p><b>K1083</b>   355832-04-1</p>  <p>Formula : C<sub>21</sub>H<sub>19</sub>N M.W. : 285.38 g/mole Grade : &gt;99%</p>	<p><b>K1084</b>   186259-63-2</p>  <p>Formula : C<sub>25</sub>H<sub>16</sub>Br<sub>2</sub> M.W. : 476.2 g/mole Grade : &gt;98%</p>
<p><b>K1085</b>   1689-64-1</p>  <p>Formula : C<sub>13</sub>H<sub>10</sub>O M.W. : 182.22 g/mole Grade : &gt;99%</p>	<p><b>K1086</b>   24324-17-2</p>  <p>Formula : C<sub>14</sub>H<sub>12</sub>O M.W. : 196.24 g/mole Grade : &gt;99%</p>	<p><b>K1087</b>   1190360-23-6</p>  <p>Formula : C<sub>15</sub>H<sub>13</sub>Br M.W. : 273.17 g/mole Grade : &gt;99%</p>	<p><b>K1089</b>   1268520-04-2</p>  <p>Formula : C<sub>37</sub>H<sub>27</sub>N M.W. : 485.62 g/mole Grade : &gt;99%</p>
<p><b>K1090</b>   954137-48-5</p>  <p>Formula : C<sub>19</sub>H<sub>15</sub>Br M.W. : 323.23 g/mole Grade : &gt;99%</p>	<p><b>K1091</b>   112486-09-6</p>  <p>Formula : C<sub>19</sub>H<sub>16</sub> M.W. : 244.33 g/mole Grade : &gt;98%</p>	<p><b>K1092</b>   1547491-70-2</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>Br M.W. : 397.31 g/mole Grade : &gt;99%</p>	<p><b>K1093</b>   1086641-47-5</p>  <p>Formula : C<sub>19</sub>H<sub>13</sub>BrO M.W. : 337.21 g/mole Grade : &gt;98%</p>
<p><b>K1094</b>   1246562-40-2</p>  <p>Formula : C<sub>33</sub>H<sub>26</sub>BrN M.W. : 516.47 g/mole Grade : &gt;99%</p>	<p><b>K1095</b>   868549-06-8</p>  <p>Formula : C<sub>26</sub>H<sub>18</sub>Br M.W. : 411.33 g/mole Grade : &gt;99%</p>	<p><b>K1096</b>   853234-57-8</p>  <p>Formula : C<sub>20</sub>H<sub>8</sub>Br<sub>2</sub>O<sub>2</sub> M.W. : 440.08 g/mole Grade : &gt;97%</p>	<p><b>K1243</b>   1198396-29-0</p>  <p>Formula : C<sub>19</sub>H<sub>15</sub>Br M.W. : 323.23 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K1293</b>   264281-45-0</p>  <p>Formula : C<sub>52</sub>H<sub>36</sub>Br<sub>2</sub> M.W. : 860.97 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1296</b>   92638-81-8</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>N M.W. : 331.41 g/mole Grade : &gt;98%</p>	<p><b>K1301</b>   173312-18-0</p>  <p>Formula : C<sub>19</sub>H<sub>21</sub>Br M.W. : 329.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1302</b>   188200-91-1</p>  <p>Formula : C<sub>21</sub>H<sub>24</sub>Br<sub>2</sub> M.W. : 436.22 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K1818</b>   380600-91-9</p> <p><b>NEW</b></p>  <p>Formula : C<sub>31</sub>H<sub>42</sub>O<sub>2</sub> M.W. : 446.66 g/mole Grade : &gt;98% (HPLC)</p>			

# Synthetic Intermediates and Reagents

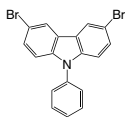
## Pyrenes / Triphenylenes / Chrysenes

<p><b>K0031</b>   1714-29-0</p>  <p>Formula : C<sub>16</sub>H<sub>9</sub>Br M.W. : 281.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0034</b>   27973-29-1</p>  <p>Formula : C<sub>16</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 360.04 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0119</b>   38303-35-4</p>  <p>Formula : C<sub>16</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 360.04 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0128</b>   78751-74-3</p>  <p>Formula : C<sub>20</sub>H<sub>17</sub>Br M.W. : 337.25 g/mole Grade : &gt;95% (HPLC)</p>
<p><b>K0365</b>   129-00-0</p>  <p>Formula : C<sub>16</sub>H<sub>10</sub> M.W. : 202.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0516</b>   16391-62-1</p>  <p>Formula : C<sub>32</sub>H<sub>20</sub> M.W. : 404.50 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0762</b>   187086-32-4</p>  <p>Formula : C<sub>32</sub>H<sub>19</sub>Br M.W. : 483.40 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0763</b>   1538574-70-7</p>  <p>Formula : C<sub>27</sub>H<sub>19</sub>Br M.W. : 423.34 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0764</b>  </p>  <p>Formula : C<sub>28</sub>H<sub>21</sub>BrO M.W. : 453.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0765</b>   131222-99-6</p>  <p>Formula : C<sub>18</sub>H<sub>10</sub>Br<sub>2</sub> M.W. : 386.08 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0818</b>   217-59-4</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub> M.W. : 228.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0888</b>   7499-60-7</p>  <p>Formula : C<sub>20</sub>H<sub>14</sub>O<sub>3</sub> M.W. : 302.32 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0889</b>   3443-45-6</p>  <p>Formula : C<sub>20</sub>H<sub>16</sub>O<sub>2</sub> M.W. : 288.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0903</b>   345924-29-0</p>  <p>Formula : C<sub>22</sub>H<sub>13</sub>Br M.W. : 357.24 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1295</b>   950903-67-0</p>  <p>Formula : C<sub>64</sub>H<sub>34</sub>Br<sub>2</sub> M.W. : 962.76 g/mole Grade : &gt;95%</p>	<p><b>K1345</b>  </p>  <p>Formula : C<sub>24</sub>H<sub>13</sub>ClO M.W. : 352.81 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

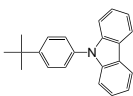
## Carbazole Derivatives

**K0068** | 57103-20-5



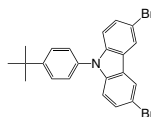
Formula :  $C_{18}H_{11}Br_2N$   
M.W. : 401.09 g/mole  
Grade : >98% (HPLC)

**K0074** | 57103-13-6



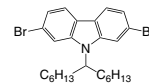
Formula :  $C_{22}H_{21}N$   
M.W. : 299.41 g/mole  
Grade : >98% (HPLC)

**K0075** | 741293-42-5



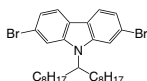
Formula :  $C_{22}H_{19}Br_2N$   
M.W. : 457.20 g/mole  
Grade : >98% (HPLC)

**K0112** | 1256704-63-8



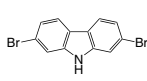
Formula :  $C_{25}H_{13}Br_2N$   
M.W. : 507.34 g/mole  
Grade : >98% (HPLC)

**K0113** | 955964-73-5



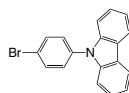
Formula :  $C_{29}H_{41}Br_2N$   
M.W. : 563.45 g/mole  
Grade : >98% (HPLC)

**K0125** | 136630-39-2



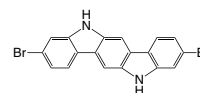
Formula :  $C_{12}H_7Br_2N$   
M.W. : 325.00 g/mole  
Grade : >98% (HPLC)

**K0152** | 57102-42-8



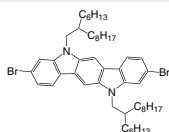
Formula :  $C_{18}H_{12}BrN$   
M.W. : 322.20 g/mole  
Grade : >98% (HPLC)

**K0324** | 882066-02-6



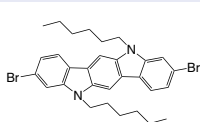
Formula :  $C_{18}H_{10}Br_2N_2$   
M.W. : 414.09 g/mole  
Grade : >98% (HPLC)

**K0325** | 1095570-49-2



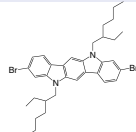
Formula :  $C_{50}H_{74}Br_2N_2$   
M.W. : 862.94 g/mole  
Grade : >97% (HPLC)

**K0326** |



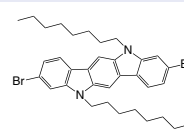
Formula :  $C_{30}H_{34}Br_2N_2$   
M.W. : 582.41 g/mole  
Grade : >98% (HPLC)

**K0327** | 882066-04-8



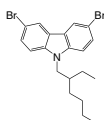
Formula :  $C_{34}H_{42}Br_2N_2$   
M.W. : 638.52 g/mole  
Grade : >97% (HPLC)

**K0328** | 951307-27-0



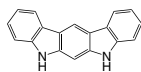
Formula :  $C_{34}H_{42}Br_2N_2$   
M.W. : 638.52 g/mole  
Grade : >98% (HPLC)

**K0378** | 173063-52-0



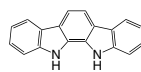
Formula :  $C_{20}H_{23}Br_2N$   
M.W. : 437.21 g/mole  
Grade : >98% (HPLC)

**K0433** | 111296-90-3



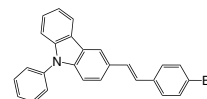
Formula :  $C_{18}H_{12}N_2$   
M.W. : 256.30 g/mole  
Grade : >98% (HPLC)

**K0449** | 60511-85-5



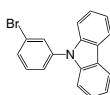
Formula :  $C_{18}H_{12}N_2$   
M.W. : 256.30 g/mole  
Grade : >98% (HPLC)

**K0480** |



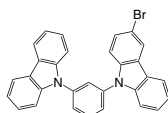
Formula :  $C_{26}H_{18}BrN$   
M.W. : 424.33 g/mole  
Grade : >98% (HPLC)

**K0499** | 185112-61-2



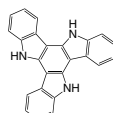
Formula :  $C_{18}H_{12}BrN$   
M.W. : 322.20 g/mole  
Grade : >98% (HPLC)

**K0510** | 1296229-23-6



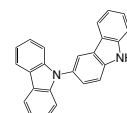
Formula :  $C_{30}H_{19}BrN_2$   
M.W. : 487.39 g/mole  
Grade : >98% (HPLC)

**K0565** | 109005-10-9



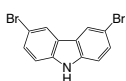
Formula :  $C_{24}H_{15}N_3$   
M.W. : 345.41 g/mole  
Grade : >98% (HPLC)

**K0576** | 18628-07-4



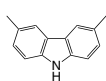
Formula :  $C_{24}H_{16}N_2$   
M.W. : 332.41 g/mole  
Grade : >98% (HPLC)

**K0577** | 6825-20-3



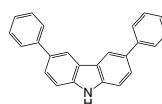
Formula :  $C_{12}H_7Br_2N$   
M.W. : 325.0 g/mole  
Grade : >98% (HPLC)

**K0578** | 5599-50-8



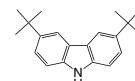
Formula :  $C_{14}H_{13}N$   
M.W. : 195.26 g/mole  
Grade : >98% (HPLC)

**K0579** | 56525-79-2



Formula :  $C_{24}H_{17}N$   
M.W. : 319.41 g/mole  
Grade : >98% (HPLC)

**K0583** | 37500-95-1



Formula :  $C_{20}H_{25}N$   
M.W. : 279.42 g/mole  
Grade : >98% (HPLC)

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

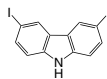
Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

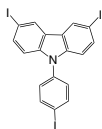
## Carbazole Derivatives

**K0591** | 57103-02-3



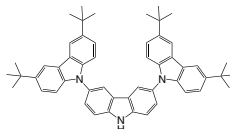
Formula : C<sub>12</sub>H<sub>7</sub>I<sub>2</sub>N  
M.W. : 419.0 g/mole  
Grade : >98% (HPLC)

**K0592** | 952308-18-8



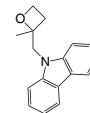
Formula : C<sub>18</sub>H<sub>10</sub>I<sub>2</sub>N  
M.W. : 620.99 g/mole  
Grade : >98% (HPLC)

**K0593** | 551951-04-3



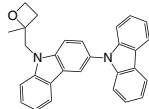
Formula : C<sub>52</sub>H<sub>55</sub>N<sub>3</sub>  
M.W. : 722.01 g/mole  
Grade : >97% (HPLC)

**K0600** |



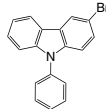
Formula : C<sub>17</sub>H<sub>17</sub>NO  
M.W. : 251.32 g/mole  
Grade : >98% (HPLC)

**K0601** |



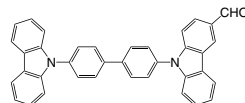
Formula : C<sub>29</sub>H<sub>24</sub>N<sub>2</sub>O  
M.W. : 416.51 g/mole  
Grade : >98% (HPLC)

**K0611** | 1153-85-1



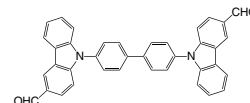
Formula : C<sub>18</sub>H<sub>12</sub>BrN  
M.W. : 322.21 g/mole  
Grade : >98% (HPLC)

**K0618** | 728045-10-1



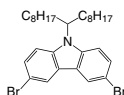
Formula : C<sub>37</sub>H<sub>24</sub>N<sub>2</sub>O  
M.W. : 512.6 g/mole  
Grade : >98% (HPLC)

**K0619** | 597570-65-5



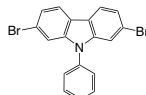
Formula : C<sub>38</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. : 540.61 g/mole  
Grade : >98% (HPLC)

**K0676** | 1268491-06-0



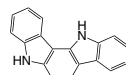
Formula : C<sub>29</sub>H<sub>41</sub>Br<sub>2</sub>N  
M.W. : 563.45 g/mole  
Grade : >98% (HPLC)

**K0749** | 444796-09-2



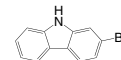
Formula : C<sub>18</sub>H<sub>11</sub>Br<sub>2</sub>N  
M.W. : 401.09 g/mole  
Grade : >98% (HPLC)

**K0766** | 111296-91-4



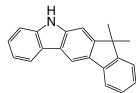
Formula : C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>  
M.W. : 256.30 g/mole  
Grade : >98% (HPLC)

**K0824** | 3652-90-2



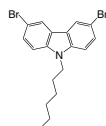
Formula : C<sub>12</sub>H<sub>8</sub>BrN  
M.W. : 246.11 g/mole  
Grade : >98% (HPLC)

**K0829** | 1257220-47-5



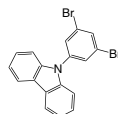
Formula : C<sub>21</sub>H<sub>17</sub>N  
M.W. : 283.37 g/mole  
Grade : >98% (HPLC)

**K0838** | 150623-72-6



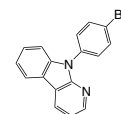
Formula : C<sub>18</sub>H<sub>10</sub>Br<sub>2</sub>N  
M.W. : 409.16 g/mole  
Grade : >98% (HPLC)

**K0850** | 750573-26-3



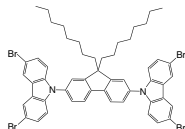
Formula : C<sub>18</sub>H<sub>11</sub>Br<sub>2</sub>N  
M.W. : 401.09 g/mole  
Grade : >96% (HPLC)

**K0851** | 1374147-31-5



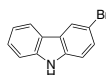
Formula : C<sub>17</sub>H<sub>11</sub>BrN<sub>2</sub>  
M.W. : 323.19 g/mole  
Grade : >98% (HPLC)

**K0871** | 1260496-44-3



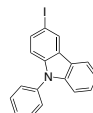
Formula : C<sub>53</sub>H<sub>52</sub>Br<sub>4</sub>N<sub>2</sub>  
M.W. : 1036.61 g/mole  
Grade : >98% (HPLC)

**K0896** | 1592-95-6



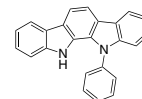
Formula : C<sub>12</sub>H<sub>8</sub>BrN  
M.W. : 246.11 g/mole  
Grade : >98% (HPLC)

**K0897** | 502161-03-7



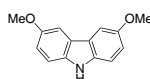
Formula : C<sub>18</sub>H<sub>12</sub>IN  
M.W. : 369.21 g/mole  
Grade : >98% (HPLC)

**K0906** | 1024598-06-8



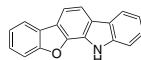
Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. : 332.41 g/mole  
Grade : >98% (HPLC)

**K0908** | 57103-01-2



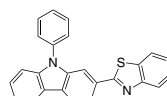
Formula : C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>  
M.W. : 227.26 g/mole  
Grade : >98% (HPLC)

**K0922** | 1338919-70-2



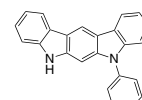
Formula : C<sub>18</sub>H<sub>11</sub>NO  
M.W. : 257.29 g/mole  
Grade : >98% (HPLC)

**K0936** | 1445416-81-8



Formula : C<sub>25</sub>H<sub>16</sub>N<sub>2</sub>S  
M.W. : 376.47 g/mole  
Grade : >98% (HPLC)

**K0949** | 1448296-00-1



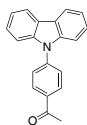
Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. : 332.41 g/mole  
Grade : >98% (HPLC)



# Synthetic Intermediates and Reagents

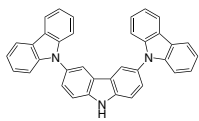
## Carbazole Derivatives

**K0956** | 142116-85-6



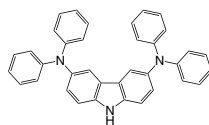
Formula : C<sub>20</sub>H<sub>15</sub>NO  
M.W. : 285.34 g/mole  
Grade : >98% (HPLC)

**K0961** | 606129-90-2



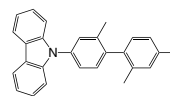
Formula : C<sub>26</sub>H<sub>23</sub>N<sub>3</sub>  
M.W. : 497.59 g/mole  
Grade : >98% (HPLC)

**K0985** | 608527-58-8



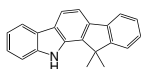
Formula : C<sub>26</sub>H<sub>27</sub>N<sub>3</sub>  
M.W. : 501.62 g/mole  
Grade : >98% (HPLC)

**K0986** | 1122650-90-1



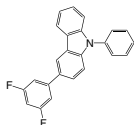
Formula : C<sub>26</sub>H<sub>20</sub>IN  
M.W. : 473.35 g/mole  
Grade : >98% (HPLC)

**K0987** | 1329054-41-2



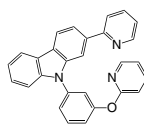
Formula : C<sub>21</sub>H<sub>17</sub>N  
M.W. : 283.37 g/mole  
Grade : >98% (HPLC)

**K0988** |



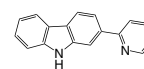
Formula : C<sub>24</sub>H<sub>15</sub>F<sub>2</sub>N  
M.W. : 355.38 g/mole  
Grade : >98% (HPLC)

**K0991** | 1685275-19-7



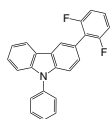
Formula : C<sub>28</sub>H<sub>19</sub>N<sub>3</sub>O  
M.W. : 413.47 g/mole  
Grade : >98% (HPLC)

**K0992** | 1446911-64-3



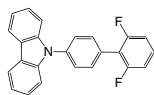
Formula : C<sub>17</sub>H<sub>12</sub>N<sub>2</sub>  
M.W. : 244.29 g/mole  
Grade : >98% (HPLC)

**K0993** |



Formula : C<sub>24</sub>H<sub>15</sub>F<sub>2</sub>N  
M.W. : 355.38 g/mole  
Grade : >98% (HPLC)

**K0994** |



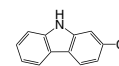
Formula : C<sub>24</sub>H<sub>15</sub>F<sub>2</sub>N  
M.W. : 355.38 g/mole  
Grade : >98% (HPLC)

**K1003** | 16807-11-7



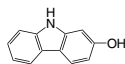
Formula : C<sub>12</sub>H<sub>8</sub>BrN  
M.W. : 246.1 g/mole  
Grade : >98% (HPLC)

**K1004** | 10537-08-3



Formula : C<sub>12</sub>H<sub>8</sub>ClN  
M.W. : 201.65 g/mole  
Grade : >99% (HPLC)

**K1005** | 86-79-3



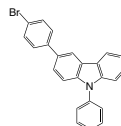
Formula : C<sub>12</sub>H<sub>9</sub>NO  
M.W. : 183.21 g/mole  
Grade : >98% (HPLC)

**K1006** | 3652-89-9



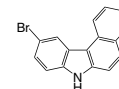
Formula : C<sub>12</sub>H<sub>8</sub>BrN  
M.W. : 246.11 g/mole  
Grade : >98% (HPLC)

**K1007** | 1028647-93-9



Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99.5% (HPLC)

**K1008** | 1698-16-4



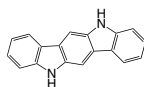
Formula : C<sub>16</sub>H<sub>10</sub>BrN  
M.W. : 296.16 g/mole  
Grade : >99% (HPLC)

**K1009** | 244-76-8



Formula : C<sub>11</sub>H<sub>9</sub>N<sub>2</sub>  
M.W. : 168.19 g/mole  
Grade : >99% (HPLC)

**K1010** | 6336-32-9



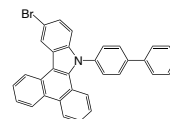
Formula : C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>  
M.W. : 256.31 g/mole  
Grade : >98% (HPLC)

**K1012** | 902518-11-0



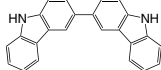
Formula : C<sub>18</sub>H<sub>12</sub>BrN  
M.W. : 322.21 g/mole  
Grade : >98% (HPLC)

**K1013** | 1807910-53-7



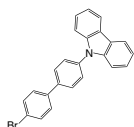
Formula : C<sub>32</sub>H<sub>20</sub>BrN  
M.W. : 498.41 g/mole  
Grade : >98% (HPLC)

**K1014** | 1984-49-2



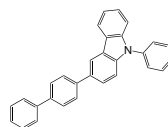
Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. : 332.41 g/mole  
Grade : >98% (HPLC)

**K1015** | 212385-73-4



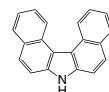
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >98% (HPLC)

**K1016** |



Formula : C<sub>30</sub>H<sub>21</sub>N  
M.W. : 395.49 g/mole  
Grade : >98% (HPLC)

**K1017** | 194-59-2



Formula : C<sub>20</sub>H<sub>13</sub>N  
M.W. : 267.32 g/mole  
Grade : >99%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

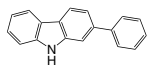
Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

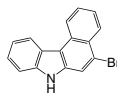
## Carbazole Derivatives

**K1018** | 88590-00-5



Formula : C<sub>18</sub>H<sub>13</sub>N  
M.W. : 243.31 g/mole  
Grade : >99%

**K1019** | 131409-18-2



Formula : C<sub>16</sub>H<sub>10</sub>BrN  
M.W. : 296.16 g/mole  
Grade : >99%

**K1020** | 127271-60-7



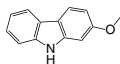
Formula : C<sub>20</sub>H<sub>24</sub>BrN  
M.W. : 358.32 g/mole  
Grade : >98%

**K1021** | 205-25-4



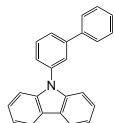
Formula : C<sub>16</sub>H<sub>11</sub>N  
M.W. : 217.27 g/mole  
Grade : >99%

**K1022** | 6933-49-9



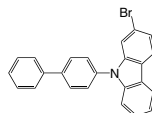
Formula : C<sub>13</sub>H<sub>11</sub>NO  
M.W. : 197.23 g/mole  
Grade : >98%

**K1023** | 1221237-87-1



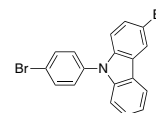
Formula : C<sub>24</sub>H<sub>17</sub>N  
M.W. : 319.41 g/mole  
Grade : >99%

**K1024** | 1393835-87-4



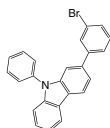
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99%

**K1025** | 1226860-66-7



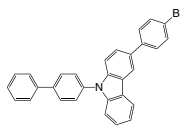
Formula : C<sub>18</sub>H<sub>11</sub>Br<sub>2</sub>N  
M.W. : 401.09 g/mole  
Grade : >99%

**K1026** | 1365118-41-7



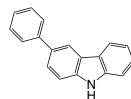
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99%

**K1027** | 1028648-25-0



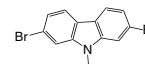
Formula : C<sub>30</sub>H<sub>20</sub>Br<sub>2</sub>N  
M.W. : 474.39 g/mole  
Grade : >98%

**K1028** | 103012-26-6



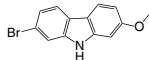
Formula : C<sub>18</sub>H<sub>13</sub>N  
M.W. : 243.31 g/mole  
Grade : >98%

**K1030** | 882883-55-8



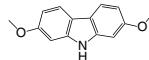
Formula : C<sub>14</sub>H<sub>11</sub>Br<sub>2</sub>N  
M.W. : 353.05 g/mole  
Grade : >99%

**K1031** | 200878-50-8



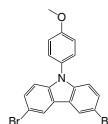
Formula : C<sub>13</sub>H<sub>10</sub>BrNO  
M.W. : 276.13 g/mole  
Grade : >98%

**K1032** | 61822-18-2



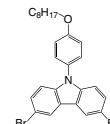
Formula : C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>  
M.W. : 227.26 g/mole  
Grade : >98%

**K1033** | 746651-52-5



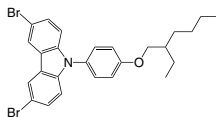
Formula : C<sub>10</sub>H<sub>13</sub>Br<sub>2</sub>NO  
M.W. : 431.12 g/mole  
Grade : >98%

**K1034** | 917773-26-3



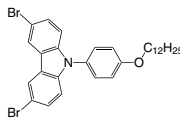
Formula : C<sub>26</sub>H<sub>27</sub>Br<sub>2</sub>NO  
M.W. : 529.31 g/mole  
Grade : >98%

**K1035** | 946491-48-1



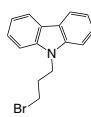
Formula : C<sub>26</sub>H<sub>27</sub>Br<sub>2</sub>NO  
M.W. : 529.31 g/mole  
Grade : >96%

**K1036** | 865163-47-9



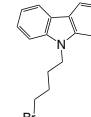
Formula : C<sub>30</sub>H<sub>35</sub>Br<sub>2</sub>NO  
M.W. : 585.41 g/mole  
Grade : >98%

**K1037** | 84359-61-5



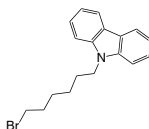
Formula : C<sub>15</sub>H<sub>14</sub>BrN  
M.W. : 288.18 g/mole  
Grade : >98%

**K1038** | 10420-20-9



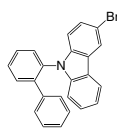
Formula : C<sub>16</sub>H<sub>16</sub>BrN  
M.W. : 302.21 g/mole  
Grade : >98%

**K1039** | 94847-10-6



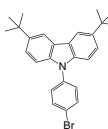
Formula : C<sub>18</sub>H<sub>20</sub>BrN  
M.W. : 330.26 g/mole  
Grade : >98%

**K1040** | 1609267-04-0



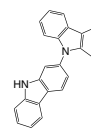
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >98%

**K1041** | 601454-33-5



Formula : C<sub>26</sub>H<sub>28</sub>BrN  
M.W. : 434.41 g/mole  
Grade : >98%

**K1042** | 1226810-15-6

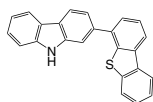


Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. : 332.4 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

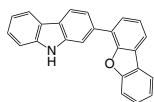
## Carbazole Derivatives

**K1043** | 1922121-94-5



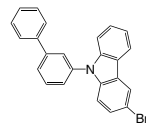
Formula : C<sub>24</sub>H<sub>15</sub>NS  
M.W. : 349.45 g/mole  
Grade : >98%

**K1044** | 1922121-95-6



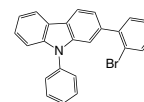
Formula : C<sub>24</sub>H<sub>15</sub>NO  
M.W. : 333.38 g/mole  
Grade : >98% (HPLC)

**K1045** | 1428551-28-3



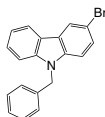
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99%

**K1046** | 1616607-88-5



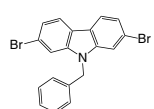
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >98%

**K1047** | 339576-55-5



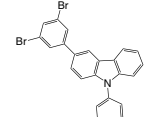
Formula : C<sub>19</sub>H<sub>14</sub>BrN  
M.W. : 336.23 g/mole  
Grade : >98%

**K1048** | 1384281-49-5



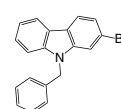
Formula : C<sub>19</sub>H<sub>13</sub>Br<sub>2</sub>N  
M.W. : 415.12 g/mole  
Grade : >98%

**K1049** | 1345021-52-4



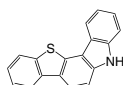
Formula : C<sub>24</sub>H<sub>15</sub>Br<sub>2</sub>N  
M.W. : 477.19 g/mole  
Grade : >98%

**K1050** | 1401863-51-1



Formula : C<sub>19</sub>H<sub>14</sub>BrN  
M.W. : 336.23 g/mole  
Grade : >98%

**K1051** | 1255308-97-4



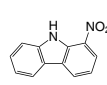
Formula : C<sub>18</sub>H<sub>11</sub>NS  
M.W. : 273.35 g/mole  
Grade : >98%

**K1052** | 86-28-2



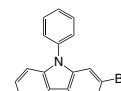
Formula : C<sub>14</sub>H<sub>13</sub>N  
M.W. : 195.26 g/mole  
Grade : >99%

**K1053** | 31438-22-9



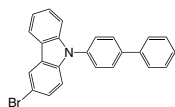
Formula : C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. : 212.2 g/mole  
Grade : >98%

**K1054** | 94994-62-4



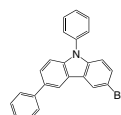
Formula : C<sub>18</sub>H<sub>12</sub>BrN  
M.W. : 322.2 g/mole  
Grade : >99%

**K1056** | 894791-46-9



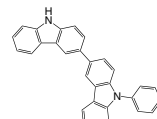
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99%

**K1057** | 1160294-85-8



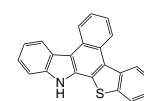
Formula : C<sub>24</sub>H<sub>16</sub>BrN  
M.W. : 398.29 g/mole  
Grade : >99%

**K1058** | 1060735-14-9



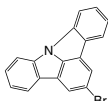
Formula : C<sub>30</sub>H<sub>20</sub>N<sub>2</sub>  
M.W. : 408.49 g/mole  
Grade : >98%

**K1059** | 1313395-18-4



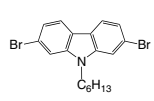
Formula : C<sub>22</sub>H<sub>13</sub>NS  
M.W. : 323.41 g/mole  
Grade : >99%

**K1060** | 1174032-81-5



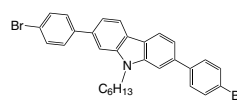
Formula : C<sub>18</sub>H<sub>10</sub>BrN  
M.W. : 320.18 g/mole  
Grade : >99%

**K1061** | 654676-12-7



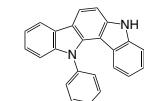
Formula : C<sub>18</sub>H<sub>19</sub>Br<sub>2</sub>N  
M.W. : 409.16 g/mole  
Grade : >99%

**K1062** | 1884420-79-4



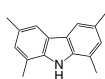
Formula : C<sub>30</sub>H<sub>27</sub>Br<sub>2</sub>N  
M.W. : 561.35 g/mole  
Grade : >99%

**K1306** | 1346571-68-3



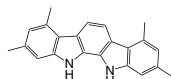
Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub>  
M.W. : 332.4 g/mole  
Grade : >98% (HPLC)

**K1307** | 6558-85-6



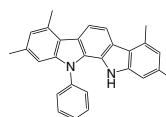
Formula : C<sub>16</sub>H<sub>17</sub>N  
M.W. : 223.31 g/mole  
Grade : >98% (HPLC)

**K1308** |



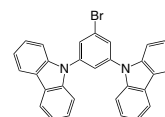
Formula : C<sub>22</sub>H<sub>20</sub>N<sub>2</sub>  
M.W. : 312.41 g/mole  
Grade : >98% (HPLC)

**K1309** |



Formula : C<sub>28</sub>H<sub>24</sub>N<sub>2</sub>  
M.W. : 388.5 g/mole  
Grade : >98% (HPLC)

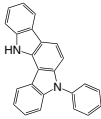
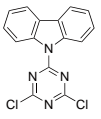
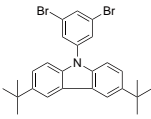
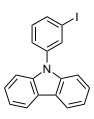
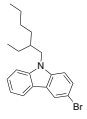
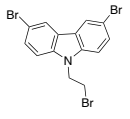
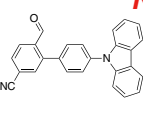
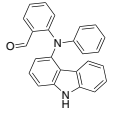
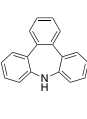
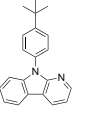
**K1326** | 750573-24-1

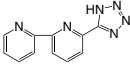
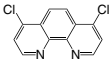

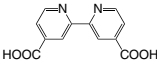





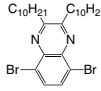

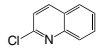

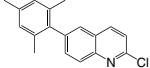
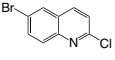
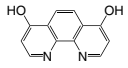
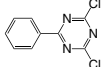
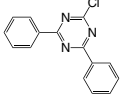
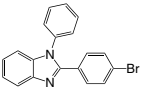
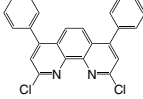
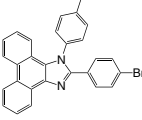
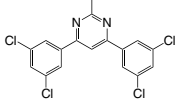
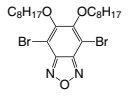
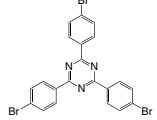


Formula : C<sub>30</sub>H<sub>19</sub>BrN<sub>2</sub>  
M.W. : 487.39 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

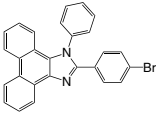
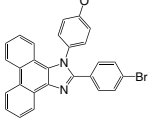

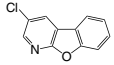
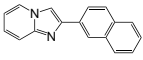
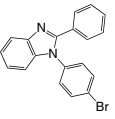
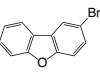
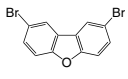
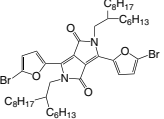
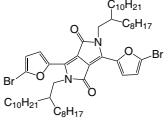
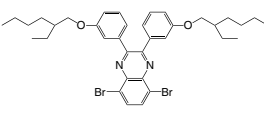
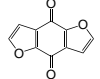
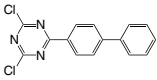
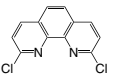
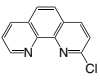
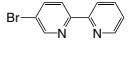
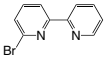
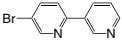
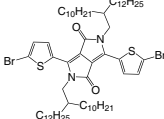
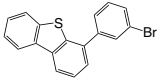
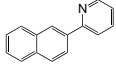

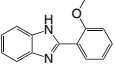
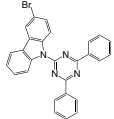
## Carbazole Derivatives

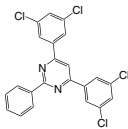
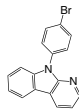


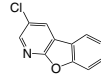
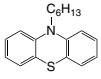
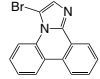
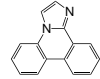
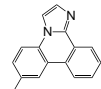
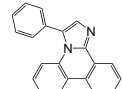
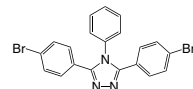
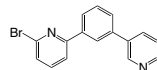
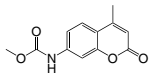
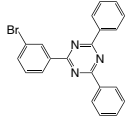
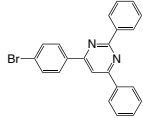
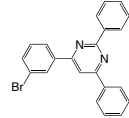
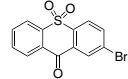
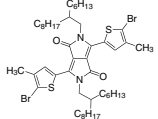
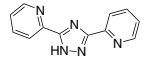
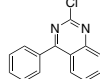

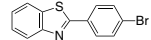
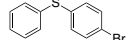
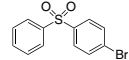
<p><b>K1340</b>   1247053-55-9</p>  <p>Formula : C<sub>24</sub>H<sub>16</sub>N<sub>2</sub> M.W. : 332.41 g/mole Grade : &gt;98%</p>	<p><b>K1757</b>   24209-95-8</p>  <p>Formula : C<sub>15</sub>H<sub>8</sub>Cl<sub>2</sub>N<sub>4</sub> M.W. : 315.16 g/mole Grade : &gt;98%</p>	<p><b>K1760</b>  </p>  <p>Formula : C<sub>26</sub>H<sub>27</sub>Br<sub>2</sub>N M.W. : 513.31 g/mole Grade : &gt;98%</p>	<p><b>K1763</b>   870119-42-9</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>I M.W. : 369.2 g/mole Grade : &gt;98%</p>
<p><b>K1773</b>   628336-85-6</p>  <p>Formula : C<sub>20</sub>H<sub>24</sub>BrN M.W. : 358.32 g/mole Grade : &gt;98%</p>	<p><b>K1776</b>  </p>  <p>Formula : C<sub>14</sub>H<sub>10</sub>Br<sub>3</sub>N M.W. : 431.95 g/mole Grade : &gt;98%</p>	<p><b>K1810</b>   <b>NEW</b></p>  <p>Formula : C<sub>26</sub>H<sub>16</sub>N<sub>2</sub>O M.W. : 372.42 g/mole Grade : &gt;99%</p>	<p><b>K1811</b>   <b>NEW</b></p>  <p>Formula : C<sub>25</sub>H<sub>18</sub>N<sub>2</sub>O M.W. : 362.42 g/mole Grade : &gt;99%</p>
<p><b>K1812</b>   29875-73-8 <b>NEW</b></p>  <p>Formula : C<sub>10</sub>H<sub>13</sub>N M.W. : 243.3 g/mole Grade : &gt;97%</p>	<p><b>K1814</b>   <b>NEW</b></p>  <p>Formula : C<sub>21</sub>H<sub>20</sub>N<sub>2</sub> M.W. : 300.4 g/mole Grade : &gt;98%</p>		

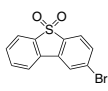
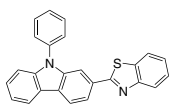
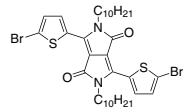
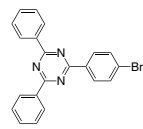
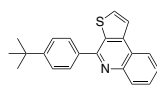

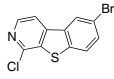
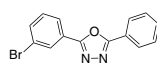
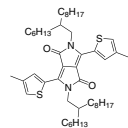
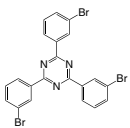
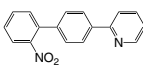
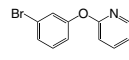
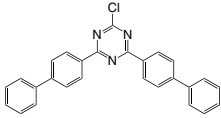
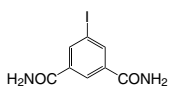
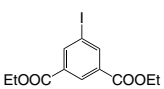
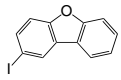
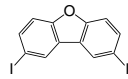
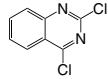
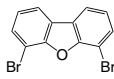
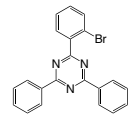
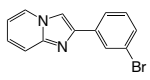
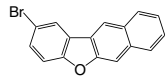
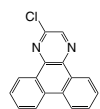
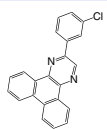
<b>K0026</b>   866117-17-1  Formula : C <sub>11</sub> H <sub>8</sub> N <sub>6</sub> M.W. : 224.22 g/mole Grade : >98% (HPLC)	<b>K0052</b>   5394-23-0  Formula : C <sub>12</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub> M.W. : 249.10 g/mole Grade : >97% (HPLC)	<b>K0085</b>   1134-35-6  Formula : C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> M.W. : 184.24 g/mole Grade : >98% (HPLC)	<b>K0141</b>   6813-38-3  Formula : C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub> M.W. : 244.20 g/mole Grade : >98% (HPLC)
<b>K0153</b>   16567-18-3  Formula : C <sub>9</sub> H <sub>6</sub> BrN M.W. : 208.05 g/mole Grade : >95% (HPLC)	<b>K0218</b>   1159905-88-0  Formula : C <sub>20</sub> H <sub>27</sub> Br <sub>2</sub> NO <sub>2</sub> M.W. : 473.24 g/mole Grade : >97% (HPLC)	<b>K0267</b>   148231-14-5  Formula : C <sub>12</sub> H <sub>12</sub> Br <sub>2</sub> N <sub>2</sub> M.W. : 344.05 g/mole Grade : >98% (HPLC)	<b>K0310</b>    Formula : C <sub>14</sub> H <sub>15</sub> Br <sub>2</sub> NO <sub>2</sub> M.W. : 389.08 g/mole Grade : >97% (HPLC)
<b>K0331</b>   221241-11-8  Formula : C <sub>5</sub> H <sub>5</sub> Br <sub>2</sub> N <sub>3</sub> M.W. : 266.92 g/mole Grade : >98% (HPLC)	<b>K0333</b>   1236490-06-4  Formula : C <sub>28</sub> H <sub>24</sub> Br <sub>2</sub> N <sub>2</sub> M.W. : 568.47 g/mole Grade : >98% (HPLC)	<b>K0340</b>   19493-44-8  Formula : C <sub>9</sub> H <sub>8</sub> ClN M.W. : 163.60 g/mole Grade : >98% (HPLC)	<b>K0346</b>   612-62-4  Formula : C <sub>9</sub> H <sub>8</sub> ClN M.W. : 163.60 g/mole Grade : >98% (HPLC)
<b>K0349</b>   54-96-6  Formula : C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> M.W. : 109.13 g/mole Grade : >97%	<b>K0386</b>    Formula : C <sub>18</sub> H <sub>16</sub> ClN M.W. : 281.78 g/mole Grade : >98% (HPLC)	<b>K0387</b>   1810-71-5  Formula : C <sub>9</sub> H <sub>8</sub> BrClN M.W. : 242.50 g/mole Grade : >98% (HPLC)	<b>K0392</b>   3922-40-5  Formula : C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> M.W. : 212.20 g/mole Grade : >98% (HPLC)
<b>K0430</b>   1700-02-3  Formula : C <sub>5</sub> H <sub>5</sub> Cl <sub>2</sub> N <sub>3</sub> M.W. : 226.06 g/mole Grade : >98% (HPLC)	<b>K0439</b>   3842-55-5  Formula : C <sub>15</sub> H <sub>10</sub> ClN <sub>3</sub> M.W. : 267.71 g/mole Grade : >98% (HPLC)	<b>K0441</b>   2620-76-0  Formula : C <sub>13</sub> H <sub>13</sub> BrN <sub>2</sub> M.W. : 349.22 g/mole Grade : >98% (HPLC)	<b>K0446</b>   1229012-68-3  Formula : C <sub>24</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> M.W. : 401.29 g/mole Grade : >98% (HPLC)
<b>K0452</b>   1147081-44-4  Formula : C <sub>28</sub> H <sub>19</sub> BrN <sub>2</sub> M.W. : 463.37 g/mole Grade : >98% (HPLC)	<b>K0455</b>   1030380-50-7  Formula : C <sub>17</sub> H <sub>10</sub> Cl <sub>4</sub> N <sub>2</sub> M.W. : 384.09 g/mole Grade : >96% (HPLC)	<b>K0477</b>   1314801-35-8  Formula : C <sub>22</sub> H <sub>34</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>3</sub> M.W. : 534.32 g/mole Grade : >98% (HPLC)	<b>K0490</b>   30363-03-2  Formula : C <sub>21</sub> H <sub>12</sub> Br <sub>2</sub> N <sub>3</sub> M.W. : 546.05 g/mole Grade : >98% (HPLC)

# Synthetic Intermediates and Reagents

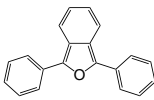
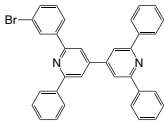
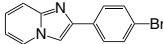
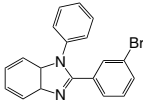
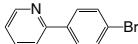
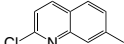
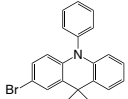
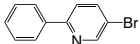


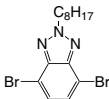
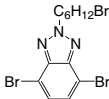
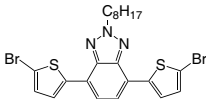
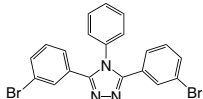
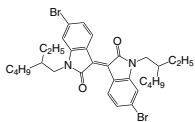
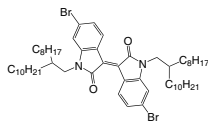

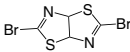
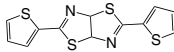
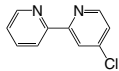
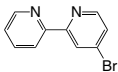
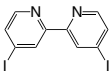
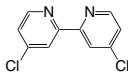
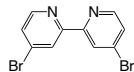
## Heterocyclics

<p><b>K0529</b>   1147081-43-3</p>  <p>Formula : C<sub>27</sub>H<sub>17</sub>BrN<sub>2</sub> M.W. : 449.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0530</b>   1147081-45-5</p>  <p>Formula : C<sub>28</sub>H<sub>19</sub>BrN<sub>2</sub>O M.W. : 479.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0567</b>   81167-60-4</p>  <p>Formula : C<sub>9</sub>H<sub>12</sub>ClN M.W. : 169.65 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0571</b>   1424369-37-8</p>  <p>Formula : C<sub>11</sub>H<sub>6</sub>ClNO M.W. : 203.62 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0584</b>   38922-71-3</p>  <p>Formula : C<sub>17</sub>H<sub>12</sub>N<sub>2</sub> M.W. : 244.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0603</b>   760212-58-6</p>  <p>Formula : C<sub>19</sub>H<sub>13</sub>BrN<sub>2</sub> M.W. : 349.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0605</b>   86-76-0</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrO M.W. : 247.09 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0606</b>   10016-52-1</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>O M.W. : 325.98 g/mole Grade : &gt;97% (HPLC)</p>
<p><b>K0638</b>   1265637-81-7</p>  <p>Formula : C<sub>46</sub>H<sub>70</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub> M.W. : 874.87 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0639</b>   1329114-94-4</p>  <p>Formula : C<sub>54</sub>H<sub>86</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub> M.W. : 987.08 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0645</b>   498572-73-9</p>  <p>Formula : C<sub>36</sub>H<sub>44</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 696.55 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0680</b>   2677220-47-3</p>  <p>Formula : C<sub>10</sub>H<sub>4</sub>O<sub>4</sub> M.W. : 188.14 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0767</b>   10202-45-6</p>  <p>Formula : C<sub>15</sub>H<sub>9</sub>Cl<sub>2</sub>N<sub>3</sub> M.W. : 302.16 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0768</b>   29176-55-4</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Cl<sub>2</sub>N<sub>2</sub> M.W. : 249.10 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0769</b>   7089-68-1</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>ClN<sub>2</sub> M.W. : 214.65 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0770</b>   15862-19-8</p>  <p>Formula : C<sub>10</sub>H<sub>7</sub>BrN<sub>2</sub> M.W. : 235.08 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0771</b>   10495-73-5</p>  <p>Formula : C<sub>10</sub>H<sub>7</sub>BrN<sub>2</sub> M.W. : 235.08 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0772</b>   774-53-8</p>  <p>Formula : C<sub>10</sub>H<sub>7</sub>BrN<sub>2</sub> M.W. : 235.08 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0816</b>   1224430-28-7</p>  <p>Formula : C<sub>62</sub>H<sub>102</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 1131.42 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0817</b>   1084334-28-0</p>  <p>Formula : C<sub>18</sub>H<sub>11</sub>BrS M.W. : 339.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0833</b>   66318-88-5</p>  <p>Formula : C<sub>15</sub>H<sub>11</sub>N M.W. : 205.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0841</b>   1309387-42-5</p>  <p>Formula : C<sub>46</sub>H<sub>53</sub>BrN<sub>2</sub>O<sub>4</sub> M.W. : 777.83 g/mole Grade : &gt;96% (NMR)</p>	<p><b>K0843</b>   6528-85-4</p>  <p>Formula : C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O M.W. : 224.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0848</b>   1266389-17-6</p>  <p>Formula : C<sub>27</sub>H<sub>17</sub>BrN<sub>4</sub> M.W. : 477.35 g/mole Grade : &gt;97% (HPLC)</p>

<p><b>K0849</b>   1097652-86-2</p>  <p>Formula : C<sub>22</sub>H<sub>12</sub>Cl<sub>4</sub>N<sub>2</sub> M.W. : 446.16 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>K0851</b>   1374147-31-5</p>  <p>Formula : C<sub>17</sub>H<sub>11</sub>BrN<sub>2</sub> M.W. : 323.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0854</b>   2255-80-3</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BrN<sub>2</sub>S M.W. : 229.1 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0855</b>   1457-92-7</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>N<sub>2</sub>S M.W. : 150.2 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0860</b>   1424369-37-8</p>  <p>Formula : C<sub>11</sub>H<sub>6</sub>ClNO M.W. : 203.62 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0861</b>   73025-93-1</p>  <p>Formula : C<sub>18</sub>H<sub>21</sub>NS M.W. : 283.43 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0862</b>   1821646-85-6</p>  <p>Formula : C<sub>15</sub>H<sub>9</sub>BrN<sub>2</sub> M.W. : 297.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0863</b>   37694-95-4</p>  <p>Formula : C<sub>15</sub>H<sub>10</sub>N<sub>2</sub> M.W. : 218.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0864</b>   946147-12-2</p>  <p>Formula : C<sub>16</sub>H<sub>12</sub>N<sub>2</sub> M.W. : 232.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0865</b>   132141-40-3</p>  <p>Formula : C<sub>21</sub>H<sub>14</sub>N<sub>2</sub> M.W. : 294.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0869</b>   2081424-25-8</p>  <p>Formula : C<sub>20</sub>H<sub>13</sub>Br<sub>2</sub>N<sub>3</sub> M.W. : 455.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0876</b>   1492917-86-8</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>BrN<sub>2</sub> M.W. : 311.18 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0878</b>   114415-25-7</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>NO<sub>4</sub> M.W. : 233.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0880</b>   864377-31-1</p>  <p>Formula : C<sub>21</sub>H<sub>14</sub>BrN<sub>3</sub> M.W. : 388.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0891</b>   58536-46-2</p>  <p>Formula : C<sub>22</sub>H<sub>15</sub>BrN<sub>2</sub> M.W. : 387.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0892</b>   864377-28-6</p>  <p>Formula : C<sub>22</sub>H<sub>15</sub>BrN<sub>2</sub> M.W. : 387.27 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0911</b>   20077-15-0</p>  <p>Formula : C<sub>13</sub>H<sub>7</sub>BrO<sub>3</sub>S M.W. : 323.16 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0912</b>   1429119-69-6</p>  <p>Formula : C<sub>48</sub>H<sub>74</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 935.05 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0915</b>   1671-85-8</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>N<sub>5</sub> M.W. : 223.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0917</b>   29874-83-7</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>ClN<sub>2</sub> M.W. : 240.69 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0918</b>   103028-31-5</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>BrNO M.W. : 238.08 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0921</b>   19654-19-4</p>  <p>Formula : C<sub>13</sub>H<sub>8</sub>BrNS M.W. : 290.18 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0923</b>   65662-88-6</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>BrS M.W. : 265.173 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0924</b>   23038-36-0</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>BrO<sub>2</sub>S M.W. : 297.17 g/mole Grade : &gt;98% (HPLC)</p>

<p><b>K0925</b>   53846-85-8</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>BrO<sub>2</sub>S M.W. : 295.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0936</b>   1445416-81-8</p>  <p>Formula : C<sub>25</sub>H<sub>16</sub>N<sub>2</sub>S M.W. : 376.47 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0937</b>   1353724-76-1</p>  <p>Formula : C<sub>34</sub>H<sub>46</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 738.68 g/mole Grade : &gt;97% (NMR)</p>	<p><b>K0938</b>   23449-08-3</p>  <p>Formula : C<sub>21</sub>H<sub>14</sub>BrN<sub>3</sub> M.W. : 388.26 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0939</b>  </p>  <p>Formula : C<sub>21</sub>H<sub>19</sub>NS M.W. : 317.45 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0950</b>   909036-46-0</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>ClN<sub>2</sub> M.W. : 254.46 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0951</b>   1235872-86-2</p>  <p>Formula : C<sub>11</sub>H<sub>5</sub>BrClNS M.W. : 298.59 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0955</b>   83817-44-1</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>BrN<sub>2</sub>O M.W. : 301.14 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0957</b>   1429119-68-5</p>  <p>Formula : C<sub>48</sub>H<sub>76</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 777.26 g/mole Grade : &gt;97% (NMR)</p>	<p><b>K0975</b>   890148-78-4</p>  <p>Formula : C<sub>21</sub>H<sub>12</sub>Br<sub>3</sub>N<sub>3</sub> M.W. : 546.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0989</b>   861025-77-6</p>  <p>Formula : C<sub>17</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 276.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0990</b>   92545-83-0</p>  <p>Formula : C<sub>11</sub>H<sub>8</sub>BrNO M.W. : 250.09 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0998</b>   182918-13-4</p>  <p>Formula : C<sub>27</sub>H<sub>18</sub>ClN<sub>3</sub> M.W. : 419.91 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1001</b>   1621089-66-4</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>I<sub>2</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 291.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1002</b>   120491-90-9</p>  <p>Formula : C<sub>11</sub>H<sub>12</sub>I<sub>2</sub>NO<sub>4</sub> M.W. : 349.12 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1147</b>   5408-56-0</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>IO M.W. : 294.09 g/mole Grade : &gt;99%</p>
<p><b>K1148</b>   5943-11-3</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>I<sub>2</sub>O M.W. : 419.98 g/mole Grade : &gt;99%</p>	<p><b>K1149</b>   607-68-1</p>  <p>Formula : C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub> M.W. : 199.04 g/mole Grade : &gt;99%</p>	<p><b>K1150</b>   201138-91-2</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub>O M.W. : 325.98 g/mole Grade : &gt;99%</p>	<p><b>K1151</b>   77989-15-2</p>  <p>Formula : C<sub>21</sub>H<sub>14</sub>Br<sub>3</sub>N<sub>3</sub> M.W. : 388.26 g/mole Grade : &gt;98%</p>
<p><b>K1152</b>   419557-33-8</p>  <p>Formula : C<sub>13</sub>H<sub>9</sub>BrN<sub>2</sub> M.W. : 273.13 g/mole Grade : &gt;99%</p>	<p><b>K1153</b>   1627917-16-1</p>  <p>Formula : C<sub>16</sub>H<sub>9</sub>BrO M.W. : 297.15 g/mole Grade : &gt;99%</p>	<p><b>K1154</b>   1202564-31-5</p>  <p>Formula : C<sub>16</sub>H<sub>9</sub>ClN<sub>2</sub> M.W. : 264.71 g/mole Grade : &gt;99%</p>	<p><b>K1155</b>   1677677-90-5</p>  <p>Formula : C<sub>22</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>2</sub> M.W. : 340.81 g/mole Grade : &gt;99%</p>



<b>K1157</b>   5471-63-6  Formula : C <sub>20</sub> H <sub>14</sub> O M.W. : 270.32 g/mole Grade : >99%	<b>K1158</b>   1956340-64-9  Formula : C <sub>34</sub> H <sub>23</sub> BrN <sub>2</sub> M.W. : 539.46 g/mole Grade : >99%	<b>K1159</b>   34658-66-7  Formula : C <sub>13</sub> H <sub>9</sub> BrN <sub>2</sub> M.W. : 273.13 g/mole Grade : >99%	<b>K1160</b>   760212-40-6  Formula : C <sub>19</sub> H <sub>13</sub> BrN <sub>2</sub> M.W. : 349.22 g/mole Grade : >99%
<b>K1161</b>   63996-36-1  Formula : C <sub>11</sub> H <sub>8</sub> BrN M.W. : 234.09 g/mole Grade : >99%	<b>K1162</b>   4295-12-9  Formula : C <sub>10</sub> H <sub>8</sub> ClN M.W. : 177.63 g/mole Grade : >99%	<b>K1163</b>   1319720-64-3  Formula : C <sub>21</sub> H <sub>18</sub> BrN M.W. : 364.28 g/mole Grade : >99%	<b>K1164</b>   27012-25-5  Formula : C <sub>11</sub> H <sub>8</sub> BrN M.W. : 234.09 g/mole Grade : >99%
<b>K1244</b>   112642-69-0  Formula : C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> M.W. : 231.34 g/mole Grade : >98%	<b>K1245</b>   890704-00-4  Formula : C <sub>12</sub> H <sub>16</sub> BrN <sub>3</sub> M.W. : 282.18 g/mole Grade : >98%	<b>K1246</b>   960509-83-5  Formula : C <sub>14</sub> H <sub>19</sub> Br <sub>2</sub> N <sub>3</sub> M.W. : 389.13 g/mole Grade : >98% (HPLC)	<b>K1247</b>   890704-02-6  Formula : C <sub>12</sub> H <sub>14</sub> Br <sub>3</sub> N <sub>3</sub> M.W. : 439.97 g/mole Grade : >98%
<b>K1248</b>   1254062-41-3  Formula : C <sub>22</sub> H <sub>23</sub> Br <sub>2</sub> N <sub>3</sub> S <sub>2</sub> M.W. : 553.38 g/mole Grade : >98% (HPLC)	<b>K1249</b>   1198843-27-4  Formula : C <sub>20</sub> H <sub>13</sub> Br <sub>2</sub> N <sub>3</sub> M.W. : 455.15 g/mole Grade : >98%	<b>K1252</b>   1147124-23-9  Formula : C <sub>32</sub> H <sub>40</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub> M.W. : 644.48 g/mole Grade : >98% (HPLC)	<b>K1253</b>   1263379-85-6  Formula : C <sub>56</sub> H <sub>88</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub> M.W. : 981.12 g/mole Grade : >98% (HPLC)
<b>K1254</b>   623558-68-9  Formula : C <sub>8</sub> H <sub>7</sub> N <sub>3</sub> OS M.W. : 193.23 g/mole Grade : >98%	<b>K1255</b>   1040390-19-9  Formula : C <sub>6</sub> Br <sub>2</sub> N <sub>2</sub> S <sub>2</sub> M.W. : 299.99 g/mole Grade : >98%	<b>K1256</b>   29608-87-5  Formula : C <sub>12</sub> H <sub>6</sub> N <sub>2</sub> S <sub>4</sub> M.W. : 306.45 g/mole Grade : >98%	<b>K1257</b>   14162-94-8  Formula : C <sub>10</sub> H <sub>7</sub> ClN <sub>2</sub> M.W. : 190.63 g/mole Grade : >98%
<b>K1258</b>   14162-95-9  Formula : C <sub>10</sub> H <sub>7</sub> BrN <sub>2</sub> M.W. : 235.08 g/mole Grade : >98%	<b>K1259</b>   831225-81-1  Formula : C <sub>10</sub> H <sub>6</sub> I <sub>2</sub> N <sub>2</sub> M.W. : 407.98 g/mole Grade : >98%	<b>K1260</b>   1762-41-0  Formula : C <sub>10</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub> M.W. : 225.07 g/mole Grade : >98%	<b>K1261</b>   18511-71-2  Formula : C <sub>10</sub> H <sub>6</sub> Br <sub>2</sub> N <sub>2</sub> M.W. : 313.98 g/mole Grade : >98%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

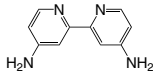
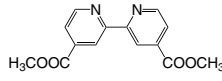
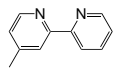
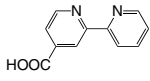
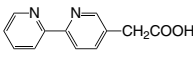
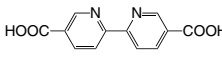
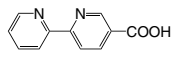
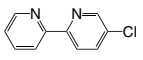
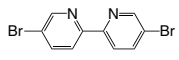
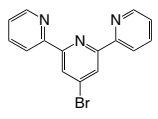
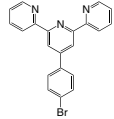
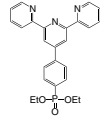
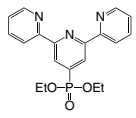
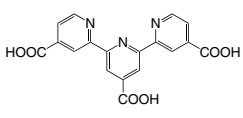

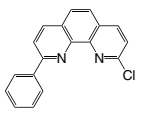
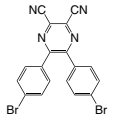
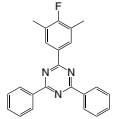
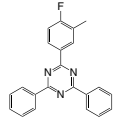
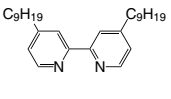
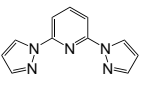
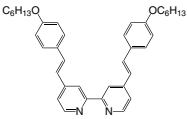
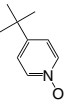
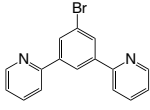
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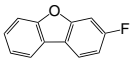
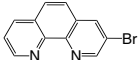
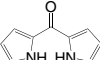
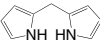
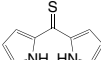
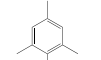
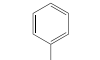
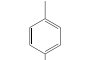



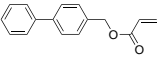

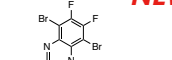
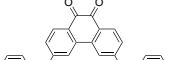

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

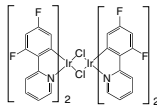
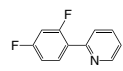
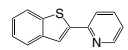
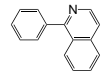
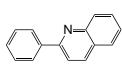
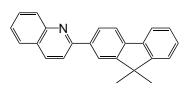
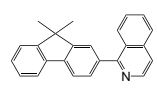
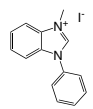
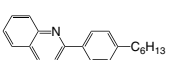
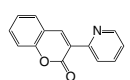
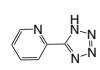
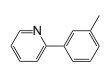
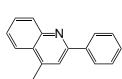
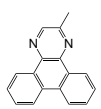
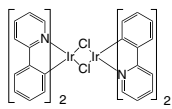
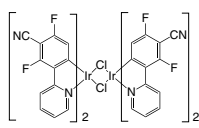
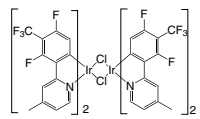
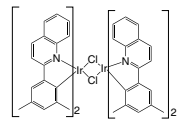
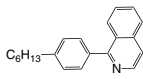
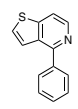
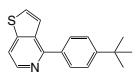
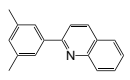
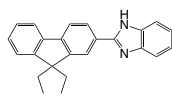
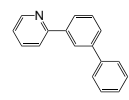
## Heterocyclics

<p><b>K1262</b>   18511-69-8</p>  <p>Formula : C<sub>10</sub>H<sub>10</sub>N<sub>4</sub> M.W. : 186.21 g/mole Grade : &gt;98%</p>	<p><b>K1264</b>   71071-46-0</p>  <p>Formula : C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 272.26 g/mole Grade : &gt;98%</p>	<p><b>K1265</b>   56100-19-7</p>  <p>Formula : C<sub>11</sub>H<sub>10</sub>N<sub>2</sub> M.W. : 170.21 g/mole Grade : &gt;98%</p>	<p><b>K1266</b>   1748-89-6</p>  <p>Formula : C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 200.19 g/mole Grade : &gt;98%</p>
<p><b>K1267</b>   917874-25-0</p>  <p>Formula : C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 214.22 g/mole Grade : &gt;98%</p>	<p><b>K1268</b>   1802-30-8</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 244.21 g/mole Grade : &gt;98%</p>	<p><b>K1269</b>   1970-80-5</p>  <p>Formula : C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 200.19 g/mole Grade : &gt;98%</p>	<p><b>K1271</b>   162612-08-0</p>  <p>Formula : C<sub>10</sub>H<sub>7</sub>ClN<sub>2</sub> M.W. : 190.63 g/mole Grade : &gt;98%</p>
<p><b>K1272</b>   15862-18-7</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub> M.W. : 313.98 g/mole Grade : &gt;98%</p>	<p><b>K1274</b>   149817-62-9</p>  <p>Formula : C<sub>15</sub>H<sub>10</sub>BrN<sub>3</sub> M.W. : 312.16 g/mole Grade : &gt;98%</p>	<p><b>K1275</b>   89972-76-9</p>  <p>Formula : C<sub>21</sub>H<sub>14</sub>BrN<sub>3</sub> M.W. : 388.26 g/mole Grade : &gt;98%</p>	<p><b>K1276</b>   194800-58-3</p>  <p>Formula : C<sub>25</sub>H<sub>24</sub>N<sub>3</sub>O<sub>3</sub>P M.W. : 445.45 g/mole Grade : &gt;98%</p>
<p><b>K1277</b>   161583-75-1</p>  <p>Formula : C<sub>19</sub>H<sub>20</sub>N<sub>3</sub>O<sub>3</sub>P M.W. : 369.35 g/mole Grade : &gt;98%</p>	<p><b>K1278</b>   216018-58-5</p>  <p>Formula : C<sub>18</sub>H<sub>11</sub>N<sub>3</sub>O<sub>6</sub> M.W. : 365.3 g/mole Grade : &gt;98%</p>	<p><b>K1283</b>   27427-92-5</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>N<sub>2</sub>O M.W. : 108.1 g/mole Grade : &gt;99%</p>	<p><b>K1286</b>   1937210-90-6</p>  <p>Formula : C<sub>18</sub>H<sub>11</sub>ClN<sub>2</sub> M.W. : 290.75 g/mole Grade : &gt;98%</p>
<p><b>K1300</b>   101579-12-8</p>  <p>Formula : C<sub>18</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>4</sub> M.W. : 440.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1304</b>   2061376-86-9</p>  <p>Formula : C<sub>23</sub>H<sub>18</sub>FN<sub>3</sub> M.W. : 355.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1305</b>   2061376-85-8</p>  <p>Formula : C<sub>22</sub>H<sub>16</sub>FN<sub>3</sub> M.W. : 341.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1318</b>   142646-58-0</p>  <p>Formula : C<sub>28</sub>H<sub>44</sub>N<sub>2</sub> M.W. : 408.66 g/mole Grade : &gt;99%</p>
<p><b>K1319</b>   123640-38-0</p>  <p>Formula : C<sub>11</sub>H<sub>9</sub>N<sub>5</sub> M.W. : 211.23 g/mole Grade : &gt;99%</p>	<p><b>K1320</b>   874628-17-8</p>  <p>Formula : C<sub>38</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub> M.W. : 560.77 g/mole Grade : &gt;99%</p>	<p><b>K1321</b>   23569-17-7</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>NO M.W. : 151.21 g/mole Grade : &gt;99%</p>	<p><b>K1325</b>   150239-89-7</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>BrN<sub>2</sub> M.W. : 311.18 g/mole Grade : &gt;98%</p>

<p><b>K1341</b>   391-54-8</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>FO M.W. : 186.18 g/mole Grade : &gt;98%</p>	<p><b>K1347</b>   66127-01-3</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrN<sub>2</sub> M.W. : 259.11 g/mole Grade : &gt;98%</p>	<p><b>K1369</b>   15770-21-5</p>  <p>Formula : C<sub>9</sub>H<sub>9</sub>N<sub>2</sub>O M.W. : 160.17 g/mole Grade : &gt;95%</p>	<p><b>K1370</b>   21211-65-4</p>  <p>Formula : C<sub>9</sub>H<sub>10</sub>N<sub>2</sub> M.W. : 146.19 g/mole Grade : &gt;98%</p>
<p><b>K1371</b>   21401-55-8</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>N<sub>2</sub>S M.W. : 176.24 g/mole Grade : &gt;95%</p>	<p><b>K1372</b>   159152-14-4</p>  <p>Formula : C<sub>18</sub>H<sub>20</sub>N<sub>2</sub> M.W. : 264.36 g/mole Grade : &gt;95%</p>	<p><b>K1373</b>   107798-98-1</p>  <p>Formula : C<sub>15</sub>H<sub>14</sub>N<sub>2</sub> M.W. : 222.29 g/mole Grade : &gt;95%</p>	<p><b>K1374</b>   147804-55-5</p>  <p>Formula : C<sub>16</sub>H<sub>16</sub>N<sub>2</sub> M.W. : 236.31 g/mole Grade : &gt;95%</p>
<p><b>K1375</b>   176446-62-1</p>  <p>Formula : C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O M.W. : 252.31 g/mole Grade : &gt;95%</p>	<p><b>K1376</b>   870992-10-2</p>  <p>Formula : C<sub>19</sub>H<sub>19</sub>BF<sub>2</sub>N<sub>2</sub>O M.W. : 341.18 g/mole Grade : &gt;95%</p>	<p><b>K1377</b>   321895-93-6</p>  <p>Formula : C<sub>19</sub>H<sub>20</sub>BF<sub>2</sub>N<sub>3</sub> M.W. : 339.19 g/mole Grade : &gt;95%</p>	<p><b>K1725</b>   54140-58-8</p>  <p>Formula : C<sub>16</sub>H<sub>14</sub>O<sub>2</sub> M.W. : 238.28 g/mole Grade : &gt;98%</p>
<p><b>K1726</b>   2378498-93-0</p>  <p>Formula : C<sub>26</sub>H<sub>26</sub>BBrO<sub>2</sub> M.W. : 461.2 g/mole Grade : &gt;98%</p>	<p><b>K1743</b>   2414359-15-0</p> <p><b>NEW</b></p>  <p>Formula : C<sub>25</sub>H<sub>36</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O M.W. : 578.38 g/mole Grade : &gt;98%</p>	<p><b>K1808</b></p>  <p>Formula : C<sub>38</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 570.59 g/mole Grade : &gt;98%</p>	<p><b>K1809</b></p>  <p>Grade : &gt;98%</p>

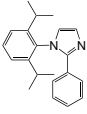
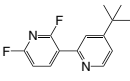
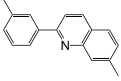
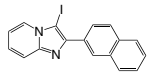
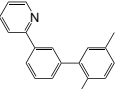


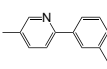
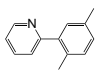
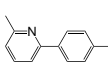
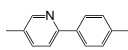
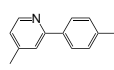
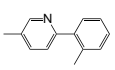
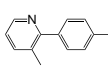
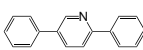
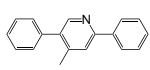
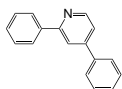
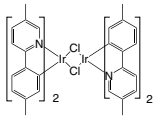
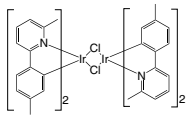
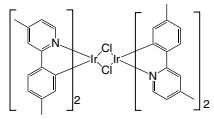
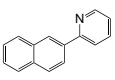
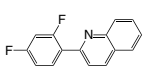
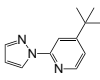
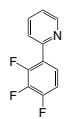
# Synthetic Intermediates and Reagents

## Iridium Complexes / Ligands

<p><b>K0036</b>   562824-27-5</p>  <p>Formula : C<sub>44</sub>H<sub>24</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub>F<sub>8</sub> M.W. : 1216.02 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0042</b>   391604-55-0</p>  <p>Formula : C<sub>11</sub>H<sub>7</sub>F<sub>2</sub>N M.W. : 191.18 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0043</b>   38210-35-4</p>  <p>Formula : C<sub>13</sub>H<sub>9</sub>NS M.W. : 211.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0044</b>   3297-72-1</p>  <p>Formula : C<sub>15</sub>H<sub>11</sub>N M.W. : 205.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0045</b>   612-96-4</p>  <p>Formula : C<sub>15</sub>H<sub>11</sub>N M.W. : 205.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0046</b>   889750-37-2</p>  <p>Formula : C<sub>24</sub>H<sub>19</sub>N M.W. : 321.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0047</b>   435277-99-9</p>  <p>Formula : C<sub>24</sub>H<sub>19</sub>N M.W. : 321.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0055</b>   39778-14-8</p>  <p>Formula : C<sub>14</sub>H<sub>13</sub>IN<sub>2</sub> M.W. : 336.17 g/mole Grade : &gt;97% (HPLC)</p>
<p><b>K0144</b>   87065-50-7</p>  <p>Formula : C<sub>21</sub>H<sub>23</sub>N M.W. : 289.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0145</b>   837-97-8</p>  <p>Formula : C<sub>14</sub>H<sub>9</sub>NO<sub>2</sub> M.W. : 223.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0147</b>   33893-89-9</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>N<sub>5</sub> M.W. : 147.14 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0148</b>   4373-61-9</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>N M.W. : 169.22 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0149</b>   4789-76-8</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>N M.W. : 219.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0390</b>   536753-86-3</p>  <p>Formula : C<sub>17</sub>H<sub>12</sub>N<sub>2</sub> M.W. : 244.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0440</b>   603109-48-4</p>  <p>Formula : C<sub>44</sub>H<sub>32</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1072.09 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0473</b>   883129-97-3</p>  <p>Formula : C<sub>48</sub>H<sub>20</sub>Cl<sub>2</sub>F<sub>8</sub>Ir<sub>2</sub>N<sub>8</sub> M.W. : 1316.05 g/mole Grade : &gt;75% (NMR)</p>
<p><b>K0474</b>   1193263-65-8</p>  <p>Formula : C<sub>52</sub>H<sub>28</sub>Cl<sub>2</sub>F<sub>20</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1544.11 g/mole Grade : &gt;95% (NMR)</p>	<p><b>K0484</b>   1056874-43-1</p>  <p>Formula : C<sub>68</sub>H<sub>56</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1384.54 g/mole Grade : &gt;95% (NMR)</p>	<p><b>K0496</b>   435278-09-4</p>  <p>Formula : C<sub>21</sub>H<sub>23</sub>N M.W. : 289.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0517</b>   81820-65-7</p>  <p>Formula : C<sub>13</sub>H<sub>9</sub>NS M.W. : 211.28 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0518</b>   1350748-60-5</p>  <p>Formula : C<sub>17</sub>H<sub>17</sub>NS M.W. : 267.39 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0520</b>   1056451-44-5</p>  <p>Formula : C<sub>17</sub>H<sub>15</sub>N M.W. : 233.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0521</b>  </p>  <p>Formula : C<sub>24</sub>H<sub>22</sub>N<sub>2</sub> M.W. : 338.44 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0532</b>   458541-39-4</p>  <p>Formula : C<sub>17</sub>H<sub>13</sub>N M.W. : 231.29 g/mole Grade : &gt;98% (HPLC)</p>

# Synthetic Intermediates and Reagents

## Iridium Complexes / Ligands

<p><b>K0559</b>   914306-50-6</p>  <p>Formula : C<sub>21</sub>H<sub>24</sub>N<sub>2</sub> M.W. : 304.43 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0568</b>   1314639-66-1</p>  <p>Formula : C<sub>14</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub> M.W. : 248.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0580</b>   909405-17-0</p>  <p>Formula : C<sub>17</sub>H<sub>15</sub>N M.W. : 233.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0585</b>   736928-20-4</p>  <p>Formula : C<sub>17</sub>H<sub>11</sub>IN<sub>2</sub> M.W. : 370.19 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0599</b>  </p>  <p>Formula : C<sub>19</sub>H<sub>17</sub>N M.W. : 259.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0613</b>   25364-47-0</p>  <p>Formula : C<sub>15</sub>H<sub>20</sub>N<sub>2</sub> M.W. : 228.33 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0773</b>   1101187-10-3</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0774</b>   851775-42-3</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0775</b>   1012310-87-0</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0776</b>   101893-57-6</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0777</b>   85237-71-4</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0778</b>   80635-92-3</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0779</b>   25363-46-6</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0780</b>   64291-96-9</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>N M.W. : 183.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0781</b>   15827-72-2</p>  <p>Formula : C<sub>17</sub>H<sub>13</sub>N M.W. : 231.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0782</b>   156021-08-8</p>  <p>Formula : C<sub>18</sub>H<sub>15</sub>N M.W. : 245.32 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0783</b>   26274-35-1</p>  <p>Formula : C<sub>17</sub>H<sub>13</sub>N M.W. : 231.29 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0784</b>  </p>  <p>Formula : C<sub>52</sub>H<sub>48</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1184.30 g/mole Grade : &gt;95% (NMR)</p>	<p><b>K0785</b>  </p>  <p>Formula : C<sub>52</sub>H<sub>48</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1184.30 g/mole Grade : &gt;95% (NMR)</p>	<p><b>K0786</b>   1607469-50-0</p>  <p>Formula : C<sub>52</sub>H<sub>48</sub>Cl<sub>2</sub>Ir<sub>2</sub>N<sub>4</sub> M.W. : 1184.30 g/mole Grade : &gt;95% (NMR)</p>
<p><b>K0833</b>   66318-88-5</p>  <p>Formula : C<sub>15</sub>H<sub>11</sub>N M.W. : 205.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0856</b>   512180-22-2</p>  <p>Formula : C<sub>15</sub>H<sub>9</sub>F<sub>2</sub>N M.W. : 241.24 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0859</b>   1361941-59-4</p>  <p>Formula : C<sub>12</sub>H<sub>15</sub>N<sub>3</sub> M.W. : 201.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0873</b>   1431374-74-1</p>  <p>Formula : C<sub>11</sub>H<sub>6</sub>F<sub>3</sub>N M.W. : 209.17 g/mole Grade : &gt;98% (HPLC)</p>

# Synthetic Intermediates and Reagents

## Iridium Complexes / Ligands

**K0879** | 25700-11-2



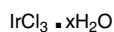
Formula :  $C_8H_7N_3$   
M.W. : 145.16 g/mole  
Grade : >98% (HPLC)

**K0913** | 1008-89-5



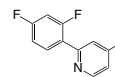
Formula :  $C_{11}H_9N$   
M.W. : 155.2 g/mole  
Grade : >98% (HPLC)

**K0914** | 14996-61-3



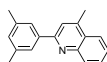
Formula :  $IrCl_3 \cdot xH_2O$   
M.W. : 298.58 (anhydrous basis)  
Grade : >99% Ir Content : >52%

**K0943** | 391250-41-2



Formula :  $C_{12}H_9F_2N$   
M.W. : 205.2 g/mole  
Grade : >98% (HPLC)

**K1000** | 1268634-30-5

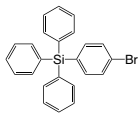


Formula :  $C_{18}H_{17}N$   
M.W. : 247.33 g/mole  
Grade : >98% (HPLC)

# Synthetic Intermediates and Reagents

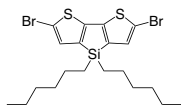
## Silane Derivatives

**K0069** | 18737-40-1



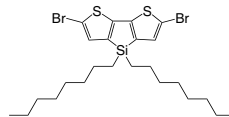
Formula :  $C_{24}H_{19}BrSi$   
M.W. : 415.40 g/mole  
Grade : >98% (HPLC)

**K0101** | 188690-66-6



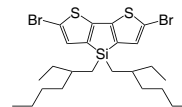
Formula :  $C_{20}H_{26}Br_2S_2Si$   
M.W. : 520.46 g/mole  
Grade : >97% (HPLC)

**K0102** | 1160106-14-8



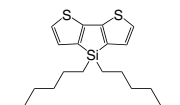
Formula :  $C_{24}H_{36}Br_2S_2Si$   
M.W. : 576.57 g/mole  
Grade : >97% (HPLC)

**K0103** | 1089687-05-7



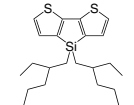
Formula :  $C_{24}H_{36}Br_2S_2Si$   
M.W. : 576.57 g/mole  
Grade : >98% (HPLC)

**K0219** | 906372-08-5



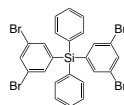
Formula :  $C_{20}H_{30}S_2Si$   
M.W. : 362.67 g/mole  
Grade : >98% (HPLC)

**K0220** | 1207627-85-7



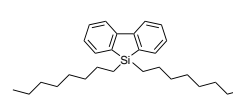
Formula :  $C_{24}H_{38}S_2Si$   
M.W. : 418.77 g/mole  
Grade : >97% (HPLC)

**K0391** | 438546-40-8



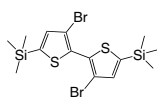
Formula :  $C_{24}H_{16}Br_4Si$   
M.W. : 652.09 g/mole  
Grade : >98% (HPLC)

**K0414** | 8981182-24-2



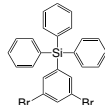
Formula :  $C_{28}H_{42}Si$   
M.W. : 406.72 g/mole  
Grade : >97% (HPLC)

**K0491** | 207742-50-5



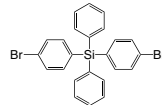
Formula :  $C_{14}H_{20}Br_2S_2Si_2$   
M.W. : 468.42 g/mole  
Grade : >98% (HPLC)

**K0533** | 1030856-97-3



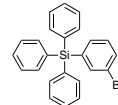
Formula :  $C_{24}H_{18}Br_2Si$   
M.W. : 494.29 g/mole  
Grade : >98% (HPLC)

**K0536** | 18733-91-0



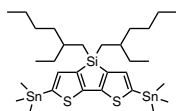
Formula :  $C_{24}H_{18}Br_2Si$   
M.W. : 494.29 g/mole  
Grade : >98% (HPLC)

**K1732** | 185626-73-7



Formula :  $C_{24}H_{19}BrSi$   
M.W. : 415.4 g/mole  
Grade : >98% (HPLC)

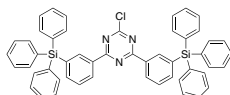
**K1736** | 1089687-06-8



Formula :  $C_{30}H_{54}S_2SiSn_2$   
M.W. : 744.39 g/mole  
Grade : >97%

**NEW**


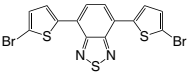
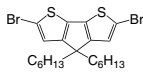
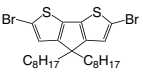
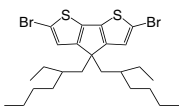
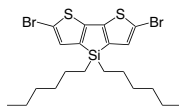
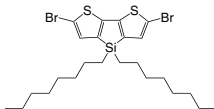
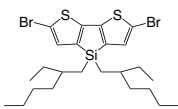
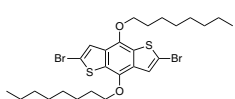
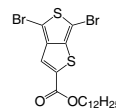
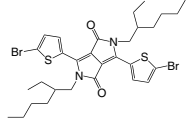
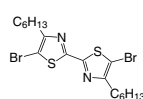
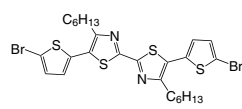
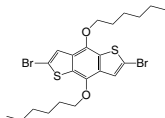
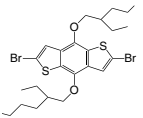
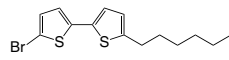
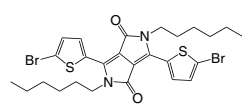
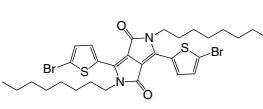
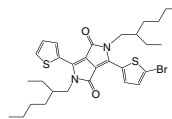
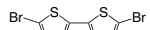


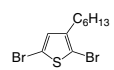

**K1778** |



Formula :  $C_{51}H_{38}ClN_3Si_2$   
M.W. : 784.49 g/mole  
Grade : >98% (HPLC)

# Synthetic Intermediates and Reagents

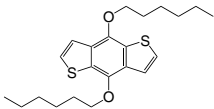
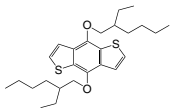
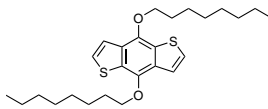
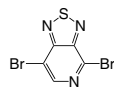
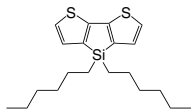
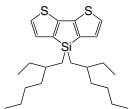
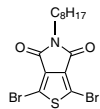
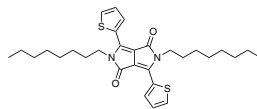
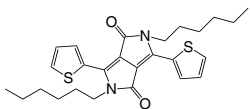
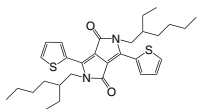
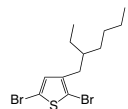
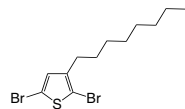

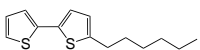


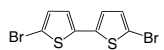
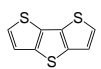
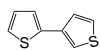
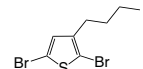

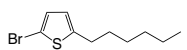
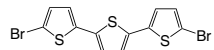
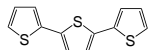
## Thiophene Derivatives

<p><b>K0092</b>   15155-41-6</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>S M.W. : 293.97 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0094</b>   288071-87-4</p>  <p>Formula : C<sub>14</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 458.21 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0098</b>   528570-55-0</p>  <p>Formula : C<sub>21</sub>H<sub>28</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 504.39 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0099</b>   478404-10-3</p>  <p>Formula : C<sub>25</sub>H<sub>36</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 560.49 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0100</b>   365547-21-3</p>  <p>Formula : C<sub>25</sub>H<sub>36</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 560.49 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0101</b>   188690-66-6</p>  <p>Formula : C<sub>20</sub>H<sub>26</sub>Br<sub>2</sub>S<sub>2</sub>Si M.W. : 520.46 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0102</b>   1160106-14-8</p>  <p>Formula : C<sub>24</sub>H<sub>36</sub>Br<sub>2</sub>S<sub>2</sub>Si M.W. : 576.57 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0103</b>   1089687-05-7</p>  <p>Formula : C<sub>24</sub>H<sub>36</sub>Br<sub>2</sub>S<sub>2</sub>Si M.W. : 576.57 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0104</b>   129415-75-5</p>  <p>Formula : C<sub>26</sub>H<sub>36</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 604.50 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0105</b>   1098102-93-2</p>  <p>Formula : C<sub>19</sub>H<sub>26</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 510.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0106</b>   1000623-95-9</p>  <p>Formula : C<sub>30</sub>H<sub>38</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 682.57 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0107</b>   180729-93-5</p>  <p>Formula : C<sub>18</sub>H<sub>26</sub>Br<sub>2</sub>N<sub>2</sub>S<sub>2</sub> M.W. : 494.35 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0108</b>   853722-91-5</p>  <p>Formula : C<sub>26</sub>H<sub>30</sub>Br<sub>2</sub>N<sub>2</sub>S<sub>4</sub> M.W. : 658.60 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0110</b>   359017-65-5</p>  <p>Formula : C<sub>22</sub>H<sub>26</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 548.39 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0111</b>   1226782-13-3</p>  <p>Formula : C<sub>26</sub>H<sub>36</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 604.50 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0115</b>   655249-04-0</p>  <p>Formula : C<sub>14</sub>H<sub>17</sub>BrS<sub>2</sub> M.W. : 329.32 g/mole Grade : &gt;95% (HPLC)</p>
<p><b>K0116</b>   1214906-01-0</p>  <p>Formula : C<sub>26</sub>H<sub>30</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 626.47 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0117</b>   1057401-13-4</p>  <p>Formula : C<sub>30</sub>H<sub>38</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 682.57 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0122</b>   1308671-90-0</p>  <p>Formula : C<sub>30</sub>H<sub>39</sub>BrN<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 603.68 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0123</b>   258527-25-2</p>  <p>Formula : C<sub>9</sub>H<sub>4</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 336.07 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0127</b>   1693-86-3</p>  <p>Formula : C<sub>10</sub>H<sub>6</sub>S M.W. : 168.30 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0130</b>   389-58-2</p>  <p>Formula : C<sub>9</sub>H<sub>6</sub>S<sub>2</sub> M.W. : 178.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0132</b>   116971-11-0</p>  <p>Formula : C<sub>10</sub>H<sub>14</sub>Br<sub>2</sub>S M.W. : 326.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0140</b>   32281-36-0</p>  <p>Formula : C<sub>10</sub>H<sub>4</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 220.27 g/mole Grade : &gt;98% (HPLC)</p>



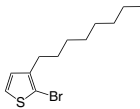
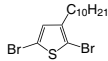

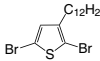



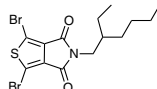
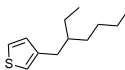

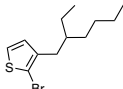

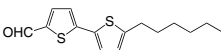
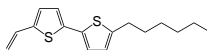
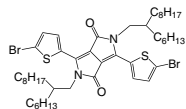
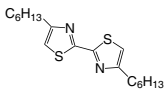
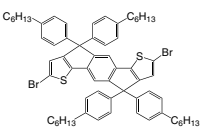
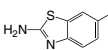

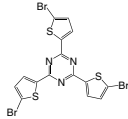
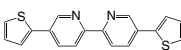
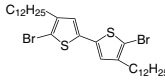
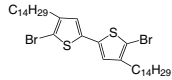
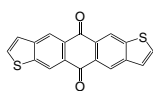
# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K0212</b>   359017-55-3</p>  <p>Formula : C<sub>22</sub>H<sub>30</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 390.60 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0213</b>   1160823-77-7</p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 446.71 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0214</b>   1098102-94-3</p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 446.71 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0216</b>   333432-27-2</p>  <p>Formula : C<sub>5</sub>HBr<sub>2</sub>N<sub>3</sub>S M.W. : 294.95 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0219</b>   906372-08-5</p>  <p>Formula : C<sub>20</sub>H<sub>30</sub>S<sub>2</sub>Si M.W. : 362.67 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0220</b>   1207627-85-7</p>  <p>Formula : C<sub>24</sub>H<sub>38</sub>S<sub>2</sub>Si M.W. : 418.77 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0260</b>   566939-58-0</p>  <p>Formula : C<sub>14</sub>H<sub>17</sub>Br<sub>2</sub>NO<sub>2</sub>S M.W. : 423.16 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0262</b>   1057401-08-7</p>  <p>Formula : C<sub>30</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 524.78 g/mole Grade : &gt;97% (NMR)</p>
<p><b>K0263</b>   852435-01-9</p>  <p>Formula : C<sub>26</sub>H<sub>32</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 468.67 g/mole Grade : &gt;97% (NMR)</p>	<p><b>K0264</b>   1185885-86-2</p>  <p>Formula : C<sub>30</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 524.78 g/mole Grade : &gt;97% (NMR)</p>	<p><b>K0268</b>   444177-63-3</p>  <p>Formula : C<sub>12</sub>H<sub>18</sub>Br<sub>2</sub>S M.W. : 354.14 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0269</b>   149703-84-4</p>  <p>Formula : C<sub>12</sub>H<sub>18</sub>Br<sub>2</sub>S M.W. : 354.14 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0271</b>   492-97-7</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>S<sub>2</sub> M.W. : 166.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0272</b>   173448-31-2</p>  <p>Formula : C<sub>14</sub>H<sub>18</sub>S<sub>2</sub> M.W. : 250.42 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0276</b>   250-84-0</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>S<sub>2</sub> M.W. : 140.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0277</b>   251-41-2</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>S<sub>2</sub> M.W. : 140.23 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0278</b>   4805-22-5</p>  <p>Formula : C<sub>8</sub>H<sub>4</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 324.06 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0279</b>   3593-75-7</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>S<sub>3</sub> M.W. : 196.31 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0280</b>   2404-89-9</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>S<sub>2</sub> M.W. : 166.26 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0281</b>   116971-10-9</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>Br<sub>2</sub>S M.W. : 298.04 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0282</b>   69249-61-2</p>  <p>Formula : C<sub>10</sub>H<sub>15</sub>BrS M.W. : 247.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0283</b>   211737-28-9</p>  <p>Formula : C<sub>10</sub>H<sub>15</sub>BrS M.W. : 247.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0284</b>   98057-08-0</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>S<sub>3</sub> M.W. : 406.18 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0285</b>   1081-34-1</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>S<sub>3</sub> M.W. : 248.39 g/mole Grade : &gt;98% (HPLC)</p>

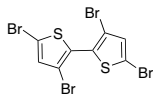
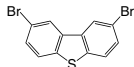
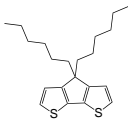
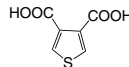

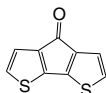

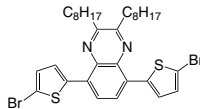
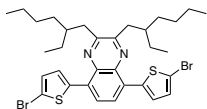
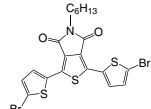
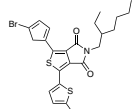
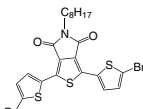


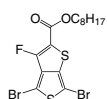
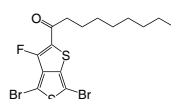

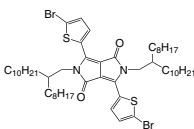

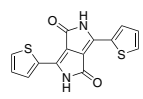
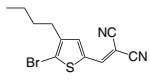
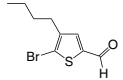
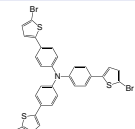
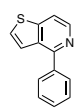
# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K0286</b>   145543-83-5</p>  <p>Formula : C<sub>12</sub>H<sub>19</sub>BrS M.W. : 275.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0287</b>   158956-23-1</p>  <p>Formula : C<sub>14</sub>H<sub>22</sub>Br<sub>2</sub>S M.W. : 382.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0288</b>   65016-55-9</p>  <p>Formula : C<sub>14</sub>H<sub>24</sub>S M.W. : 224.41 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0289</b>   148256-63-7</p>  <p>Formula : C<sub>16</sub>H<sub>26</sub>Br<sub>2</sub>S M.W. : 410.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0290</b>   104934-52-3</p>  <p>Formula : C<sub>16</sub>H<sub>26</sub>S M.W. : 252.46 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0291</b>   139100-06-4</p>  <p>Formula : C<sub>16</sub>H<sub>27</sub>BrS M.W. : 331.35 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0297</b>   566939-56-8</p>  <p>Formula : C<sub>12</sub>H<sub>13</sub>Br<sub>2</sub>NO<sub>2</sub>S M.W. : 395.11 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0298</b>   1231160-83-0</p>  <p>Formula : C<sub>14</sub>H<sub>17</sub>Br<sub>2</sub>NO<sub>2</sub>S M.W. : 423.16 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0305</b>   121134-38-1</p>  <p>Formula : C<sub>12</sub>H<sub>20</sub>S M.W. : 196.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0307</b>   65016-62-8</p>  <p>Formula : C<sub>12</sub>H<sub>20</sub>S M.W. : 196.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0308</b>   303734-52-3</p>  <p>Formula : C<sub>12</sub>H<sub>19</sub>BrS M.W. : 275.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0309</b>   144012-09-9</p>  <p>Formula : C<sub>14</sub>H<sub>23</sub>BrS M.W. : 303.30 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0312</b>   609369-40-6</p>  <p>Formula : C<sub>15</sub>H<sub>18</sub>OS<sub>2</sub> M.W. : 278.43 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0313</b>   942435-50-9</p>  <p>Formula : C<sub>16</sub>H<sub>20</sub>S<sub>2</sub> M.W. : 276.46 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0314</b>   1000623-98-2</p>  <p>Formula : C<sub>66</sub>H<sub>70</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 907.00 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0315</b>   180729-92-4</p>  <p>Formula : C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>S<sub>2</sub> M.W. : 336.56 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0330</b>   1049034-71-0</p>  <p>Formula : C<sub>64</sub>H<sub>72</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 1065.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0343</b>   2536-91-6</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>S M.W. : 164.23 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0368</b>   88-13-1</p>  <p>Formula : C<sub>5</sub>H<sub>6</sub>O<sub>2</sub>S M.W. : 128.15 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0376</b>   1134789-63-1</p>  <p>Formula : C<sub>15</sub>H<sub>8</sub>Br<sub>3</sub>N<sub>3</sub>S<sub>3</sub> M.W. : 564.14 g/mole Grade : &gt;96% (HPLC)</p>
<p><b>K0379</b>   182631-76-1</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>S<sub>2</sub> M.W. : 320.43 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0380</b>   753470-95-0</p>  <p>Formula : C<sub>32</sub>H<sub>52</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 660.69 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0381</b>   888491-16-5</p>  <p>Formula : C<sub>36</sub>H<sub>60</sub>Br<sub>2</sub>S<sub>2</sub> M.W. : 716.80 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0382</b>   143746-72-9</p>  <p>Formula : C<sub>18</sub>H<sub>8</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 320.38 g/mole Grade : &gt;98% (NMR)</p>

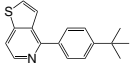
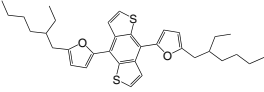
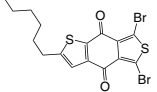
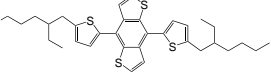
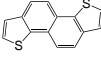
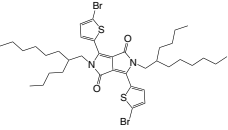
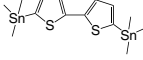
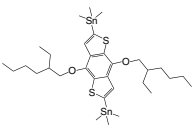
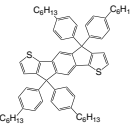
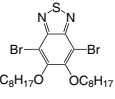
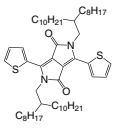
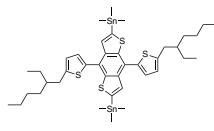
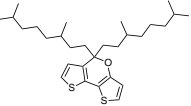
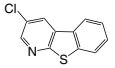
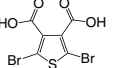
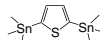
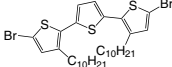
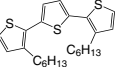
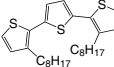
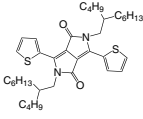
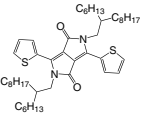
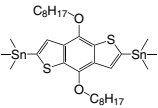
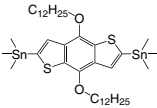
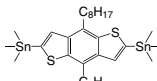
# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K0383</b>   125143-53-5</p>  <p>Formula : <math>C_8H_2Br_4S_2</math> M.W. : 481.85 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0393</b>   31574-87-5</p>  <p>Formula : <math>C_{12}H_6Br_2S</math> M.W. : 342.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0407</b>   153312-86-8</p>  <p>Formula : <math>C_{21}H_{30}S_2</math> M.W. : 346.59 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0408</b>   4282-29-5</p>  <p>Formula : <math>C_6H_4O_4S</math> M.W. : 172.16 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0409</b>   773881-47-3</p>  <p>Formula : <math>C_{12}H_{25}Br_2NO_2S</math> M.W. : 479.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0415</b>   25796-77-4</p>  <p>Formula : <math>C_9H_4OS_2</math> M.W. : 192.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0416</b>   6007-85-8</p>  <p>Formula : <math>C_6H_2O_3S</math> M.W. : 154.14 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0421</b>   936711-08-9</p>  <p>Formula : <math>C_{32}H_{40}Br_2N_2S_2</math> M.W. : 676.61 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0422</b>   120451-23-3</p>  <p>Formula : <math>C_{32}H_{40}Br_2N_2S_2</math> M.W. : 676.61 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0424</b>  </p>  <p>Formula : <math>C_{20}H_{17}Br_2NO_2S_3</math> M.W. : 559.36 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0425</b>   1286745-60-5</p>  <p>Formula : <math>C_{22}H_{21}Br_2NO_2S_3</math> M.W. : 587.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0426</b>   1286745-57-0</p>  <p>Formula : <math>C_{22}H_{21}Br_2NO_2S_3</math> M.W. : 587.41 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0427</b>   165617-59-4</p>  <p>Formula : <math>C_6Br_2N_4S_2</math> M.W. : 352.03 g/mole Grade : &gt;98%</p>	<p><b>K0431</b>   2160-62-5</p>  <p>Formula : <math>C_5H_2BrNS</math> M.W. : 188.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0434</b>   1160823-76-6</p>  <p>Formula : <math>C_{15}H_{17}Br_2FO_2S_2</math> M.W. : 472.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0435</b>   1202249-72-6</p>  <p>Formula : <math>C_{14}H_{15}Br_2FOS_2</math> M.W. : 442.20 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0443</b>   1347736-74-6</p>  <p>Formula : <math>C_6HBr_2FN_2S</math> M.W. : 311.96 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0445</b>   1260685-63-9</p>  <p>Formula : <math>C_{54}H_{86}Br_2N_2O_2S_2</math> M.W. : 1019.21 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0448</b>   51751-44-1</p>  <p>Formula : <math>C_6H_4Br_2S_2</math> M.W. : 324.06 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0504</b>   850583-75-4</p>  <p>Formula : <math>C_{14}H_8N_2O_2S_2</math> M.W. : 300.36 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0513</b>   1613310-44-3</p>  <p>Formula : <math>C_{12}H_{11}BrN_2S</math> M.W. : 295.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0514</b>   305800-44-6</p>  <p>Formula : <math>C_9H_{11}BrOS</math> M.W. : 247.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0515</b>   339985-36-3</p>  <p>Formula : <math>C_{30}H_{18}Br_3NS_3</math> M.W. : 728.38 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0517</b>   81820-65-7</p>  <p>Formula : <math>C_{13}H_9NS</math> M.W. : 211.28 g/mole Grade : &gt;98% (HPLC)</p>

# Synthetic Intermediates and Reagents

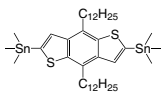
## Thiophene Derivatives

<p><b>K0518</b>   1350748-60-5</p>  <p>Formula : C<sub>17</sub>H<sub>17</sub>NS M.W. : 267.39 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0538</b>   1421862-27-2</p>  <p>Formula : C<sub>34</sub>H<sub>42</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 546.83 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0539</b>   1356371-05-5</p>  <p>Formula : C<sub>16</sub>H<sub>14</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 462.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0540</b>   1352642-35-3</p>  <p>Formula : C<sub>34</sub>H<sub>42</sub>S<sub>4</sub> M.W. : 578.96 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0547</b>   217-19-6</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>S<sub>2</sub> M.W. : 240.34 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0548</b>   1224709-68-5</p>  <p>Formula : C<sub>38</sub>H<sub>54</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 794.79 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0553</b>   143367-56-0</p>  <p>Formula : C<sub>14</sub>H<sub>22</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 491.87 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0554</b>   1160823-78-8</p>  <p>Formula : C<sub>32</sub>H<sub>54</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 772.32 g/mole Grade : &gt;98% (NMR)</p>
<p><b>K0555</b>   1049034-67-4</p>  <p>Formula : C<sub>64</sub>H<sub>74</sub>S<sub>2</sub> M.W. : 907.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0557</b>   1192352-08-1</p>  <p>Formula : C<sub>22</sub>H<sub>34</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S M.W. : 550.39 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0558</b>   1267540-02-2</p>  <p>Formula : C<sub>54</sub>H<sub>88</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 861.42 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0560</b>   1352642-37-5</p>  <p>Formula : C<sub>40</sub>H<sub>58</sub>S<sub>4</sub>Sn<sub>2</sub> M.W. : 904.57 g/mole Grade : &gt;98% (NMR)</p>
<p><b>K0562</b>   1295502-20-3</p>  <p>Formula : C<sub>29</sub>H<sub>46</sub>OS<sub>2</sub> M.W. : 474.8 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0572</b>   118726-30-0</p>  <p>Formula : C<sub>11</sub>H<sub>6</sub>ClNS M.W. : 219.69 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0594</b>   190723-12-7</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>Br<sub>2</sub>O<sub>4</sub>S M.W. : 329.95 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0620</b>   86134-26-1</p>  <p>Formula : C<sub>10</sub>H<sub>20</sub>SSn<sub>2</sub> M.W. : 409.75 g/mole Grade : &gt;98% (NMR)</p>
<p><b>K0621</b>   1264297-33-7</p>  <p>Formula : C<sub>32</sub>H<sub>46</sub>Br<sub>2</sub>S<sub>3</sub> M.W. : 686.71 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0622</b>   135831-08-2</p>  <p>Formula : C<sub>24</sub>H<sub>32</sub>S<sub>3</sub> M.W. : 416.71 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0623</b>   155166-89-5</p>  <p>Formula : C<sub>28</sub>H<sub>40</sub>S<sub>3</sub> M.W. : 472.81 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0624</b>   1354631-87-0</p>  <p>Formula : C<sub>38</sub>H<sub>58</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 636.99 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0625</b>   1044598-80-2</p>  <p>Formula : C<sub>46</sub>H<sub>72</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 749.21 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0630</b>   1098102-95-4</p>  <p>Formula : C<sub>32</sub>H<sub>54</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 772.32 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0631</b>   1044795-08-5</p>  <p>Formula : C<sub>40</sub>H<sub>70</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 884.53 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0632</b>   1160823-80-2</p>  <p>Formula : C<sub>32</sub>H<sub>54</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 740.32 g/mole Grade : &gt;98% (NMR)</p>

# Synthetic Intermediates and Reagents

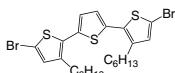
## Thiophene Derivatives

**K0633** | 1234306-33-2



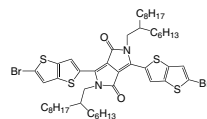
Formula :  $C_{40}H_{70}S_2Sn_2$   
M.W. : 852.53 g/mole  
Grade : >98% (NMR)

**K0634** | 215591-73-4



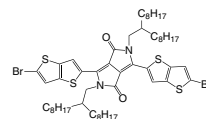
Formula :  $C_{24}H_{30}Br_2S_3$   
M.W. : 574.50 g/mole  
Grade : >97% (HPLC)

**K0635** | 1369657-88-4



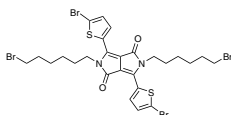
Formula :  $C_{50}H_{70}Br_2N_2O_2S_4$   
M.W. : 1019.17 g/mole  
Grade : >98% (NMR)

**K0636** | 1270977-96-2



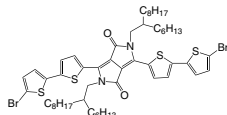
Formula :  $C_{58}H_{86}Br_2N_2O_2S_4$   
M.W. : 1131.38 g/mole  
Grade : >98% (NMR)

**K0637** | 1799951-38-4



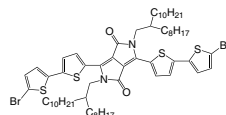
Formula :  $C_{26}H_{28}Br_4N_2O_2S_2$   
M.W. : 784.26 g/mole  
Grade : >98% (NMR)

**K0640** | 1143585-35-6



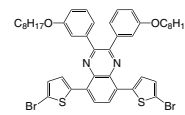
Formula :  $C_{54}H_{74}Br_2N_2O_2S_4$   
M.W. : 1071.25 g/mole  
Grade : >98% (NMR)

**K0641** | 1474061-54-5



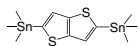
Formula :  $C_{62}H_{90}Br_2N_2O_2S_4$   
M.W. : 1183.46 g/mole  
Grade : >98% (NMR)

**K0644** | 1100761-34-9



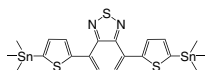
Formula :  $C_{44}H_{46}Br_2N_2O_2S_2$   
M.W. : 860.8 g/mole  
Grade : >98% (HPLC)

**K0653** | 469912-82-1



Formula :  $C_{12}H_{20}S_2Sn_2$   
M.W. : 465.84 g/mole  
Grade : >98% (NMR)

**K0664** | 1025451-57-3



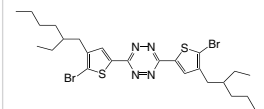
Formula :  $C_{20}H_{24}N_2S_3Sn_2$   
M.W. : 626.03 g/mole  
Grade : >98% (NMR)

**K0665** | 272-43-5



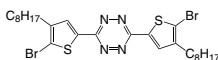
Formula :  $C_6H_4N_2S$   
M.W. : 136.17 g/mole  
Grade : >98% (HPLC)

**K0666** | 1260224-09-6



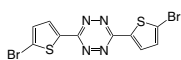
Formula :  $C_{26}H_{36}Br_2N_4S_2$   
M.W. : 628.53 g/mole  
Grade : >98% (HPLC)

**K0667** | 2488708-32-1



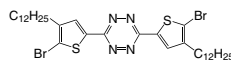
Formula :  $C_{26}H_{36}Br_2N_4S_2$   
M.W. : 628.53 g/mole  
Grade : >98% (HPLC)

**K0668** | 1279083-60-1



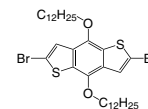
Formula :  $C_{10}H_8Br_2N_4S_2$   
M.W. : 404.1 g/mole  
Grade : >98% (HPLC)

**K0669** |



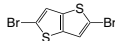
Formula :  $C_{34}H_{52}Br_2N_4S_2$   
M.W. : 740.74 g/mole  
Grade : >98% (HPLC)

**K0671** | 1044795-06-3



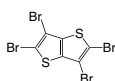
Formula :  $C_{34}H_{52}Br_2O_2S_2$   
M.W. : 716.71 g/mole  
Grade : >98% (HPLC)

**K0674** | 25121-87-3



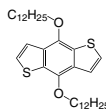
Formula :  $C_6H_2Br_2S_2$   
M.W. : 298.02 g/mole  
Grade : >98% (HPLC)

**K0675** | 124638-53-5



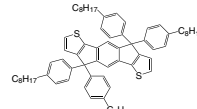
Formula :  $C_6Br_4S_2$   
M.W. : 455.81 g/mole  
Grade : >98% (HPLC)

**K0679** | 1044795-04-1



Formula :  $C_{34}H_{54}O_2S_2$   
M.W. : 558.92 g/mole  
Grade : >98% (HPLC)

**K0682** | 2377419-62-8



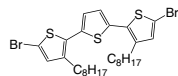
Formula :  $C_{72}H_{90}S_2$   
M.W. : 1019.62 g/mole  
Grade : >98% (HPLC)

**K0683** | 141029-75-6



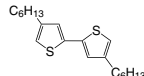
Formula :  $C_{16}H_{21}NS_2$   
M.W. : 291.47 g/mole  
Grade : >98% (HPLC)

**K0686** | 185350-30-5



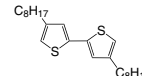
Formula :  $C_{28}H_{38}Br_2S_3$   
M.W. : 630.6 g/mole  
Grade : >98% (HPLC)

**K0687** | 135926-94-2



Formula :  $C_{20}H_{30}S_2$   
M.W. : 334.58 g/mole  
Grade : >98% (HPLC)

**K0688** | 120762-66-5



Formula :  $C_{24}H_{38}S_2$   
M.W. : 390.69 g/mole  
Grade : >98% (HPLC)

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

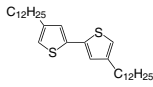
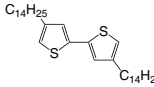


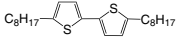
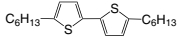
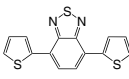
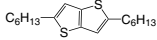
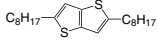


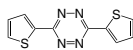
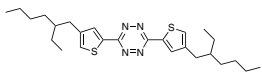
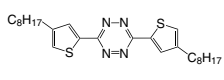
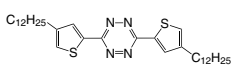
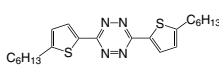
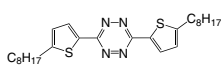
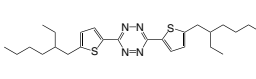
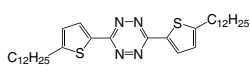
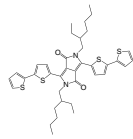
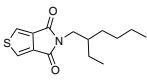


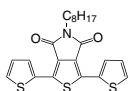
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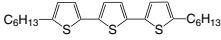
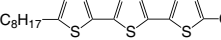
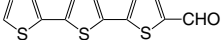
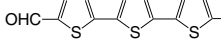
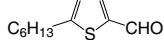
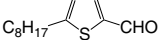
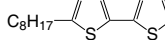
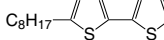
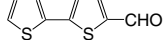
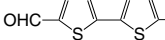
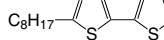

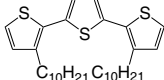



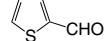
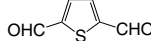
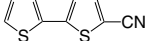
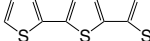
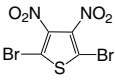
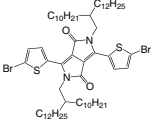
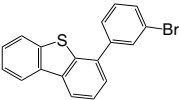
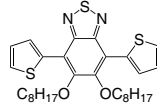
# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K0689</b>   345633-76-3</p>  <p>Formula : C<sub>32</sub>H<sub>54</sub>S<sub>2</sub> M.W. : 502.9 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0690</b>   1327275-63-7</p>  <p>Formula : C<sub>36</sub>H<sub>62</sub>S<sub>2</sub> M.W. : 559.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0691</b>   138058-53-4</p>  <p>Formula : C<sub>24</sub>H<sub>38</sub>S<sub>2</sub> M.W. : 390.69 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0692</b>   125607-30-9</p>  <p>Formula : C<sub>20</sub>H<sub>30</sub>S<sub>2</sub> M.W. : 334.58 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0693</b>   95748-95-1</p>  <p>Formula : C<sub>24</sub>H<sub>38</sub>S<sub>2</sub> M.W. : 390.69 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0694</b>   211737-46-1</p>  <p>Formula : C<sub>20</sub>H<sub>30</sub>S<sub>2</sub> M.W. : 334.58 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0695</b>   165190-76-1</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 300.42 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0696</b>   2322929-69-9</p>  <p>Formula : C<sub>18</sub>H<sub>28</sub>S<sub>2</sub> M.W. : 308.54 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0697</b>   1357811-10-9</p>  <p>Formula : C<sub>22</sub>H<sub>36</sub>S<sub>2</sub> M.W. : 364.65 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0698</b>   31486-86-9</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>OS<sub>2</sub> M.W. : 168.24 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0699</b>   40985-58-8</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>NS<sub>2</sub> M.W. : 165.24 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0700</b>   59918-60-4</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 246.31 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0701</b>   1260224-08-5</p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 470.74 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0702</b>   2488708-31-0</p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 470.74 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0703</b>  </p>  <p>Formula : C<sub>34</sub>H<sub>54</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 582.95 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0704</b>   1279083-55-4</p>  <p>Formula : C<sub>22</sub>H<sub>30</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 414.63 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0705</b>  </p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 470.74 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0706</b>  </p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 470.74 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0707</b>  </p>  <p>Formula : C<sub>34</sub>H<sub>54</sub>N<sub>4</sub>S<sub>2</sub> M.W. : 582.95 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0709</b>   1269004-56-9</p>  <p>Formula : C<sub>38</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>S<sub>4</sub> M.W. : 689.03 g/mole Grade : &gt;98% (NMR)</p>
<p><b>K0715</b>   1231160-82-9</p>  <p>Formula : C<sub>14</sub>H<sub>19</sub>NO<sub>2</sub>S M.W. : 265.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0716</b>   773881-43-9</p>  <p>Formula : C<sub>14</sub>H<sub>19</sub>NO<sub>2</sub>S M.W. : 265.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0717</b>   773881-44-0</p>  <p>Formula : C<sub>18</sub>H<sub>27</sub>NO<sub>2</sub>S M.W. : 321.48 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0718</b>   1286745-49-0</p>  <p>Formula : C<sub>22</sub>H<sub>23</sub>NO<sub>2</sub>S<sub>3</sub> M.W. : 429.62 g/mole Grade : &gt;98% (HPLC)</p>

# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K0719</b>   188917-41-1</p>  <p>Formula : C<sub>24</sub>H<sub>32</sub>S<sub>3</sub> M.W. : 416.71 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0720</b>   188917-43-3</p>  <p>Formula : C<sub>26</sub>H<sub>40</sub>S<sub>3</sub> M.W. : 472.81 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0721</b>   7342-41-8</p>  <p>Formula : C<sub>13</sub>H<sub>8</sub>OS<sub>3</sub> M.W. : 276.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0722</b>   13130-50-2</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>O<sub>2</sub>S<sub>3</sub> M.W. : 304.41 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0723</b>   100943-46-2</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>OS M.W. : 196.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0724</b>   73792-02-6</p>  <p>Formula : C<sub>13</sub>H<sub>20</sub>OS M.W. : 224.36 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0725</b>   93164-73-9</p>  <p>Formula : C<sub>16</sub>H<sub>22</sub>S<sub>2</sub> M.W. : 278.48 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0726</b>   172514-64-6</p>  <p>Formula : C<sub>16</sub>H<sub>21</sub>BrS<sub>2</sub> M.W. : 357.37 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0731</b>   3779-27-9</p>  <p>Formula : C<sub>9</sub>H<sub>6</sub>OS<sub>2</sub> M.W. : 194.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0732</b>   32364-72-0</p>  <p>Formula : C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 222.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0733</b>   945265-56-5</p>  <p>Formula : C<sub>17</sub>H<sub>22</sub>OS<sub>2</sub> M.W. : 306.49 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0735</b>   1003-09-4</p>  <p>Formula : C<sub>4</sub>H<sub>3</sub>BrS M.W. : 163.04 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0736</b>   400713-59-9</p>  <p>Formula : C<sub>32</sub>H<sub>48</sub>S<sub>3</sub> M.W. : 528.92 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0737</b>   3141-26-2</p>  <p>Formula : C<sub>4</sub>H<sub>2</sub>Br<sub>2</sub>S M.W. : 241.93 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0738</b>   3141-27-3</p>  <p>Formula : C<sub>4</sub>H<sub>2</sub>BrS M.W. : 241.93 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0739</b>   3958-03-0</p>  <p>Formula : C<sub>4</sub>Br<sub>4</sub>S M.W. : 399.72 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0741</b>   98-03-3</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>OS M.W. : 112.15 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0742</b>   932-95-6</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>O<sub>2</sub>S M.W. : 140.16 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0743</b>   16278-99-2</p>  <p>Formula : C<sub>9</sub>H<sub>5</sub>NS<sub>2</sub> M.W. : 191.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0744</b>   110230-97-2</p>  <p>Formula : C<sub>13</sub>H<sub>7</sub>NS<sub>3</sub> M.W. : 273.4 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0745</b>   52431-30-8</p>  <p>Formula : C<sub>4</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S M.W. : 331.93 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0816</b>   1224430-28-7</p>  <p>Formula : C<sub>62</sub>H<sub>102</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 1131.42 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0817</b>   1084334-28-0</p>  <p>Formula : C<sub>18</sub>H<sub>11</sub>BrS M.W. : 339.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0820</b>   1192352-09-2</p>  <p>Formula : C<sub>30</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub> M.W. : 556.85 g/mole Grade : &gt;98% (HPLC)</p>

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

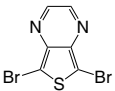
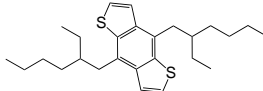
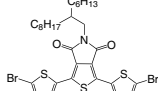
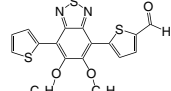
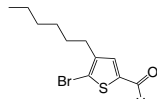
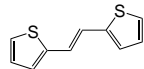

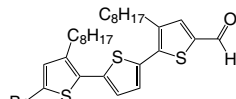
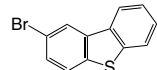
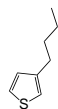
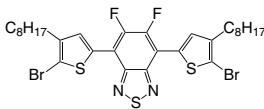
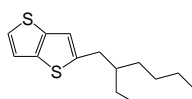
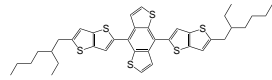
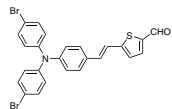
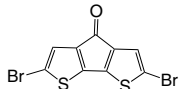

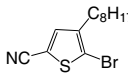
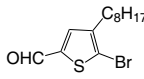
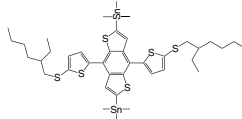
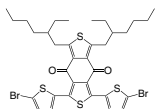
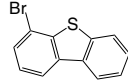
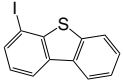
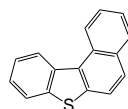
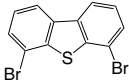
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# Synthetic Intermediates and Reagents

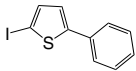
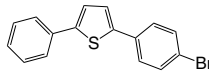

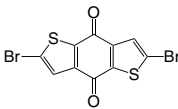
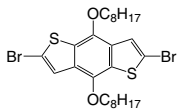
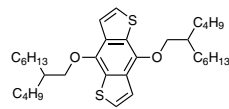
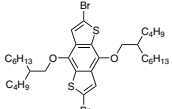
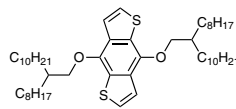
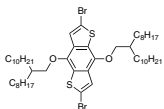
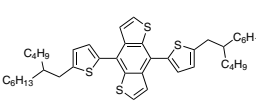
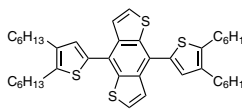
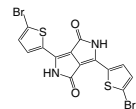
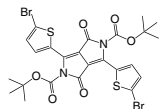
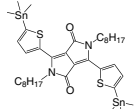
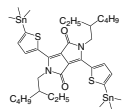
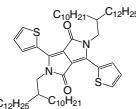
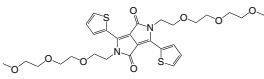
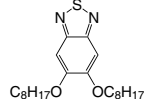

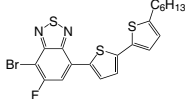
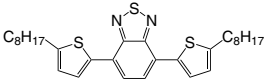
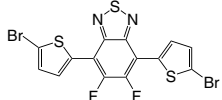
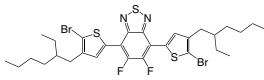
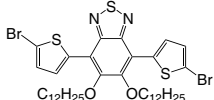
## Thiophene Derivatives

<p><b>K0821</b>   207805-24-1</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>S M.W. : 293.97 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0823</b>   1234306-29-6</p>  <p>Formula : C<sub>26</sub>H<sub>38</sub>S<sub>2</sub> M.W. : 414.71 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0825</b>   1359115-82-4</p>  <p>Formula : C<sub>30</sub>H<sub>37</sub>Br<sub>2</sub>NO<sub>2</sub>S<sub>3</sub> M.W. : 699.62 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0827</b>   1948278-62-3</p>  <p>Formula : C<sub>31</sub>H<sub>40</sub>N<sub>2</sub>O<sub>3</sub>S<sub>3</sub> M.W. : 584.86 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0828</b>   291535-21-2</p>  <p>Formula : C<sub>11</sub>H<sub>15</sub>BrOS M.W. : 275.21 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0836</b>   13640-78-3</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>S<sub>2</sub> M.W. : 192.3 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0854</b>   2255-80-3</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BrN<sub>2</sub>S M.W. : 229.10 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0870</b>   1342311-48-1</p>  <p>Formula : C<sub>29</sub>H<sub>39</sub>BrOS<sub>3</sub> M.W. : 579.72 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0902</b>   22439-61-8</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrS M.W. : 263.15 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0905</b>   34722-01-5</p>  <p>Formula : C<sub>8</sub>H<sub>12</sub>S M.W. : 140.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0910</b>   1283598-36-6</p>  <p>Formula : C<sub>30</sub>H<sub>36</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 718.62 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0926</b>   1494614-27-5</p>  <p>Formula : C<sub>14</sub>H<sub>20</sub>S<sub>2</sub> M.W. : 252.44 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0927</b>   1494614-30-0</p>  <p>Formula : C<sub>38</sub>H<sub>42</sub>S<sub>6</sub> M.W. : 691.13 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0958</b>   1190764-15-8</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>Br<sub>2</sub>NOS M.W. : 539.28 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0960</b>   636588-79-9</p>  <p>Formula : C<sub>9</sub>H<sub>2</sub>Br<sub>2</sub>OS<sub>2</sub> M.W. : 350.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0974</b>   500199-09-7</p>  <p>Formula : C<sub>18</sub>H<sub>31</sub>BrS M.W. : 359.41 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0976</b>  </p>  <p>Formula : C<sub>13</sub>H<sub>18</sub>BrNS M.W. : 300.26 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>K0977</b>   1196714-93-8</p>  <p>Formula : C<sub>13</sub>H<sub>19</sub>BrOS M.W. : 303.26 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>K0983</b>   1613389-30-2</p>  <p>Formula : C<sub>40</sub>H<sub>58</sub>S<sub>6</sub>Sn<sub>2</sub> M.W. : 968.7 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K0984</b>   1415929-78-0</p>  <p>Formula : C<sub>34</sub>H<sub>38</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>4</sub> M.W. : 766.73 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K1122</b>   97511-05-2</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrS M.W. : 263.15 g/mole Grade : &gt;99%</p>	<p><b>K1123</b>   132034-89-0</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>IS M.W. : 310.15 g/mole Grade : &gt;98%</p>	<p><b>K1124</b>   205-43-6</p>  <p>Formula : C<sub>16</sub>H<sub>10</sub>S M.W. : 234.32 g/mole Grade : &gt;98%</p>	<p><b>K1125</b>   669773-34-6</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>S M.W. : 342.05 g/mole Grade : &gt;99%</p>



# Synthetic Intermediates and Reagents

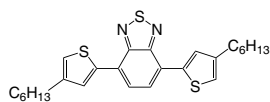
## Thiophene Derivatives

<p><b>K1126</b>   13781-37-8</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>I M.W. : 286.13 g/mole Grade : &gt;99%</p>	<p><b>K1127</b>   118621-30-0</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>S M.W. : 142.18 g/mole Grade : &gt;99%</p>	<p><b>K1128</b>   126213-50-1</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>S M.W. : 142.18 g/mole Grade : &gt;99%</p>	<p><b>K1199</b>   196491-93-7</p>  <p>Formula : C<sub>10</sub>H<sub>2</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 378.06 g/mole Grade : &gt;98%</p>
<p><b>K1200</b>   1294515-75-5</p>  <p>Formula : C<sub>26</sub>H<sub>36</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 604.5 g/mole Grade : &gt;98%</p>	<p><b>K1201</b>   1321590-78-6</p>  <p>Formula : C<sub>34</sub>H<sub>54</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 558.92 g/mole Grade : &gt;98%</p>	<p><b>K1202</b>   1336893-15-2</p>  <p>Formula : C<sub>34</sub>H<sub>52</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 716.71 g/mole Grade : &gt;98%</p>	<p><b>K1203</b>   1320201-19-1</p>  <p>Formula : C<sub>50</sub>H<sub>86</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 783.35 g/mole Grade : &gt;98%</p>
<p><b>K1204</b>   1684289-37-9</p>  <p>Formula : C<sub>50</sub>H<sub>84</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 941.14 g/mole Grade : &gt;98%</p>	<p><b>K1205</b>   1443120-32-8</p>  <p>Formula : C<sub>42</sub>H<sub>58</sub>S<sub>4</sub> M.W. : 691.17 g/mole Grade : &gt;98%</p>	<p><b>K1206</b>   1421924-02-8</p>  <p>Formula : C<sub>42</sub>H<sub>58</sub>S<sub>4</sub> M.W. : 691.17 g/mole Grade : &gt;98%</p>	<p><b>K1207</b>   777079-55-7</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 458.15 g/mole Grade : &gt;98%</p>
<p><b>K1208</b>   1046864-84-9</p>  <p>Formula : C<sub>24</sub>H<sub>22</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub> M.W. : 658.38 g/mole Grade : &gt;98%</p>	<p><b>K1209</b>   1613705-06-8</p>  <p>Formula : C<sub>36</sub>H<sub>56</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 850.39 g/mole Grade : &gt;98% (NMR)</p>	<p><b>K1210</b>   1392422-47-7</p>  <p>Formula : C<sub>36</sub>H<sub>56</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub> M.W. : 850.39 g/mole Grade : &gt;98%</p>	<p><b>K1211</b>   1312588-15-0</p>  <p>Formula : C<sub>62</sub>H<sub>104</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub> M.W. : 973.63 g/mole Grade : &gt;98%</p>
<p><b>K1212</b>   1296131-04-8</p>  <p>Formula : C<sub>28</sub>H<sub>36</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub> M.W. : 592.72 g/mole Grade : &gt;98%</p>	<p><b>K1213</b>   1254353-37-1</p>  <p>Formula : C<sub>22</sub>H<sub>36</sub>N<sub>2</sub>O<sub>2</sub>S M.W. : 392.6 g/mole Grade : &gt;98%</p>	<p><b>K1214</b>   1293389-28-2</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S M.W. : 172.16 g/mole Grade : &gt;98%</p>	<p><b>K1215</b>   1402460-83-6</p>  <p>Formula : C<sub>20</sub>H<sub>18</sub>BrFN<sub>2</sub>S<sub>3</sub> M.W. : 481.47 g/mole Grade : &gt;98%</p>
<p><b>K1216</b>   1171974-28-9</p>  <p>Formula : C<sub>30</sub>H<sub>40</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 524.85 g/mole Grade : &gt;98%</p>	<p><b>K1217</b>   1304773-89-4</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 494.19 g/mole Grade : &gt;98%</p>	<p><b>K1218</b>   1293389-32-8</p>  <p>Formula : C<sub>30</sub>H<sub>36</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S<sub>3</sub> M.W. : 718.62 g/mole Grade : &gt;98%</p>	<p><b>K1219</b>   1334686-71-3</p>  <p>Formula : C<sub>38</sub>H<sub>54</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>3</sub> M.W. : 826.85 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

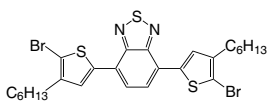
## Thiophene Derivatives

**K1220** | 761416-46-0



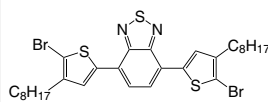
Formula :  $C_{26}H_{32}N_2S_3$   
M.W. : 468.74 g/mole  
Grade : >98%

**K1221** | 444579-39-9



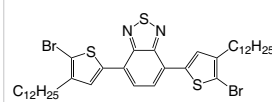
Formula :  $C_{26}H_{30}Br_2N_2S_3$   
M.W. : 626.53 g/mole  
Grade : >98%

**K1222** | 457931-23-6



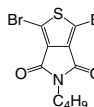
Formula :  $C_{30}H_{38}Br_2N_2S_3$   
M.W. : 682.64 g/mole  
Grade : >98%

**K1223** | 1179993-72-6



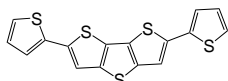
Formula :  $C_{38}H_{54}Br_2N_2S_3$   
M.W. : 794.85 g/mole  
Grade : >98%

**K1225** | 190723-14-9



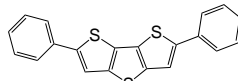
Formula :  $C_{10}H_9Br_2NO_2S$   
M.W. : 367.06 g/mole  
Grade : >98%

**K1226** | 910788-24-8



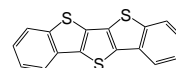
Formula :  $C_{16}H_8S_5$   
M.W. : 360.56 g/mole  
Grade : >98% (HPLC)

**K1227** | 881838-94-4



Formula :  $C_{20}H_{12}S_3$   
M.W. : 348.5 g/mole  
Grade : >98%

**K1228** | 241-13-4



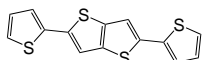
Formula :  $C_{16}H_8S_3$   
M.W. : 296.43 g/mole  
Grade : >98%

**K1230** | 392662-65-6



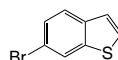
Formula :  $C_6H_2Br_2S_2$   
M.W. : 298.02 g/mole  
Grade : >98%

**K1231** | 21210-90-2



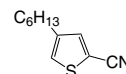
Formula :  $C_{14}H_6S_4$   
M.W. : 304.47 g/mole  
Grade : >98%

**K1232** | 17347-32-9



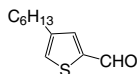
Formula :  $C_8H_5BrS$   
M.W. : 213.09 g/mole  
Grade : >98%

**K1233** | 1224430-39-0



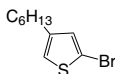
Formula :  $C_{11}H_{13}NS$   
M.W. : 193.31 g/mole  
Grade : >98%

**K1234** | 222554-30-5



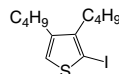
Formula :  $C_{11}H_{16}OS$   
M.W. : 196.31 g/mole  
Grade : >98%

**K1235** | 210705-84-3



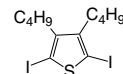
Formula :  $C_{10}H_{15}BrS$   
M.W. : 247.19 g/mole  
Grade : >98%

**K1236** | 565186-12-1



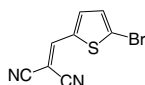
Formula :  $C_{12}H_{19}IS$   
M.W. : 322.25 g/mole  
Grade : >98%

**K1237** | 133750-15-9



Formula :  $C_{12}H_{18}I_2S$   
M.W. : 448.15 g/mole  
Grade : >98%

**K1238** | 81020-78-2



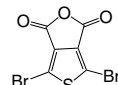
Formula :  $C_8H_3BrN_2S$   
M.W. : 239.09 g/mole  
Grade : >98%

**K1239** | 632-15-5



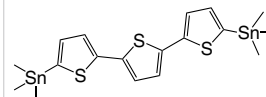
Formula :  $C_6H_6S$   
M.W. : 112.19 g/mole  
Grade : >98%

**K1240** | 1015423-45-6



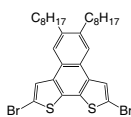
Formula :  $C_6Br_2O_3S$   
M.W. : 311.94 g/mole  
Grade : >98%

**K1241** | 178931-63-0



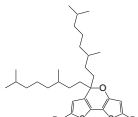
Formula :  $C_{18}H_{24}S_3Sn_2$   
M.W. : 573.99 g/mole  
Grade : >98%

**K1242** | 1040858-84-1



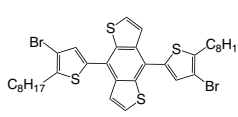
Formula :  $C_{30}H_{38}Br_2S_2$   
M.W. : 622.56 g/mole  
Grade : >98%

**K1288** | 1295502-26-9



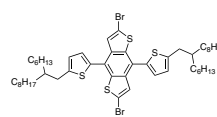
Formula :  $C_{29}H_{44}Br_2OS_2$   
M.W. : 632.6 g/mole  
Grade : >98% (NMR)

**K1291** | 1809080-29-2



Formula :  $C_{34}H_{40}Br_2S_4$   
M.W. : 736.75 g/mole  
Grade : >98%

**K1292** | 1987866-20-5

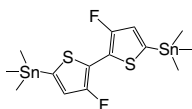


Formula :  $C_{50}H_{72}Br_2S_4$   
M.W. : 961.17 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

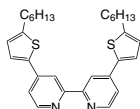
## Thiophene Derivatives

**K1297** | 1619967-09-7



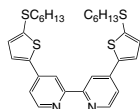
Formula : C<sub>14</sub>H<sub>20</sub>F<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub>  
M.W. : 527.86 g/mole  
Grade : >98%(NMR)

**K1315** | 1047684-56-9



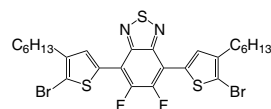
Formula : C<sub>30</sub>H<sub>36</sub>N<sub>2</sub>S<sub>2</sub>  
M.W. : 488.75 g/mole  
Grade : >99%

**K1316** | 1146182-96-8



Formula : C<sub>30</sub>H<sub>36</sub>N<sub>2</sub>S<sub>4</sub>  
M.W. : 552.88 g/mole  
Grade : >99%

**K1279** | 1450590-76-7



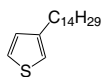
Formula : C<sub>26</sub>H<sub>28</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S<sub>3</sub>  
M.W. : 662.51 g/mole  
Grade : >98%(HPLC)

**K1280** | 119269-24-8



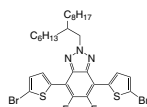
Formula : C<sub>20</sub>H<sub>36</sub>S  
M.W. : 308.56 g/mole

**K1281** | 110851-66-6



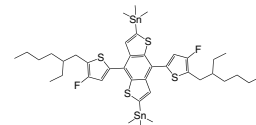
Formula : C<sub>18</sub>H<sub>32</sub>S  
M.W. : 280.51 g/mole

**K1310** | 1887135-96-7



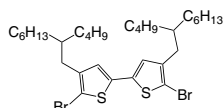
Formula : C<sub>30</sub>H<sub>37</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>3</sub>S<sub>2</sub>  
M.W. : 701.57 g/mole  
Grade : >98%

**K1322** | 1514905-25-9



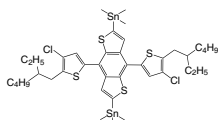
Formula : C<sub>40</sub>H<sub>56</sub>F<sub>2</sub>S<sub>4</sub>Sn<sub>2</sub>  
M.W. : 940.55 g/mole  
Grade : >98%

**K1328** |



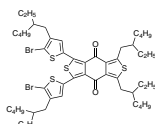
Formula : C<sub>32</sub>H<sub>52</sub>Br<sub>2</sub>S<sub>2</sub>  
M.W. : 660.69 g/mole  
Grade : >98%

**K1331** | 2239295-69-1



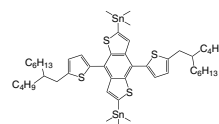
Formula : C<sub>40</sub>H<sub>56</sub>Cl<sub>2</sub>S<sub>4</sub>Sn<sub>2</sub>  
M.W. : 973.46 g/mole  
Grade : >98%

**K1333** | 1439937-07-1



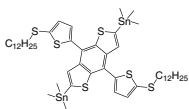
Formula : C<sub>50</sub>H<sub>70</sub>Br<sub>2</sub>O<sub>2</sub>S<sub>4</sub>  
M.W. : 991.16 g/mole  
Grade : >98%

**K1336** | 1402460-13-2



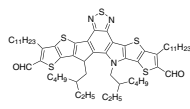
Formula : C<sub>48</sub>H<sub>74</sub>S<sub>4</sub>Sn<sub>2</sub>  
M.W. : 1016.78 g/mole  
Grade : >98%

**K1337** | 1887135-97-8



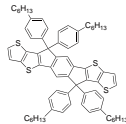
Formula : C<sub>48</sub>H<sub>74</sub>S<sub>6</sub>Sn<sub>2</sub>  
M.W. : 1080.91 g/mole  
Grade : >98%

**K1349** | 2304444-53-7



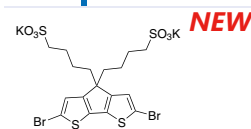
Formula : C<sub>58</sub>H<sub>82</sub>N<sub>4</sub>O<sub>2</sub>S<sub>5</sub>  
M.W. : 1026.63 g/mole  
Grade : >98%

**K1355** | 1420071-64-2



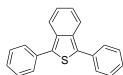
Formula : C<sub>68</sub>H<sub>74</sub>S<sub>4</sub>  
M.W. : 1019.58 g/mole  
Grade : >98%

**K1365** |



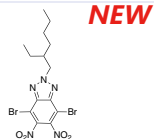
Formula : C<sub>17</sub>H<sub>18</sub>Br<sub>2</sub>K<sub>2</sub>O<sub>6</sub>S<sub>4</sub>  
M.W. : 684.59 g/mole  
Grade : >97%

**K1693** | 16587-39-6



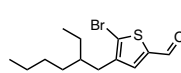
Formula : C<sub>20</sub>H<sub>14</sub>S  
M.W. : 286.39 g/mole  
Grade : >99%

**K1708** | 1613460-25-5



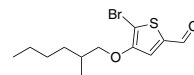
Formula : C<sub>14</sub>H<sub>17</sub>Br<sub>2</sub>N<sub>5</sub>O<sub>4</sub>  
M.W. : 479.12 g/mole  
Grade : >98%

**K1733** |



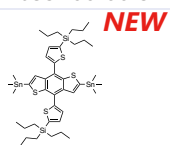
Formula : C<sub>13</sub>H<sub>19</sub>BrOS  
M.W. : 303.26 g/mole  
Grade : >98%

**K1734** | 2055812-54-7



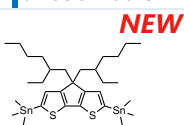
Formula : C<sub>13</sub>H<sub>19</sub>BrO<sub>2</sub>S  
M.W. : 319.26 g/mole  
Grade : >98%

**K1735** | 2035466-88-5



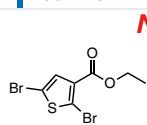
Formula : C<sub>42</sub>H<sub>66</sub>S<sub>4</sub>Si<sub>2</sub>Sn<sub>2</sub>  
M.W. : 992.82 g/mole  
Grade : >98%

**K1737** | 920504-00-3



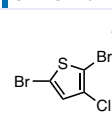
Formula : C<sub>31</sub>H<sub>54</sub>S<sub>2</sub>Sn<sub>2</sub>  
M.W. : 728.31 g/mole  
Grade : >97%

**K1738** | 289470-44-6



Formula : C<sub>7</sub>H<sub>8</sub>Br<sub>2</sub>O<sub>2</sub>S  
M.W. : 313.99 g/mole  
Grade : >97%

**K1739** | 32431-91-7



Formula : C<sub>4</sub>HBr<sub>2</sub>ClS  
M.W. : 276.38 g/mole  
Grade : >97%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

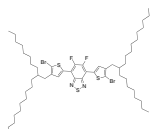
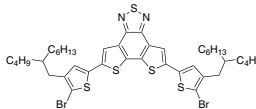
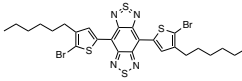
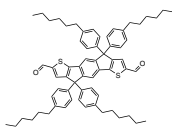
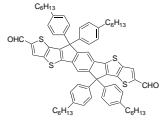
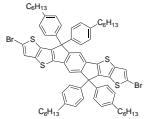
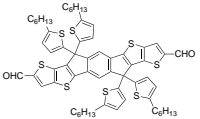
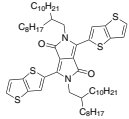
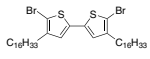
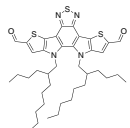
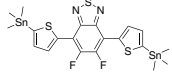
Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

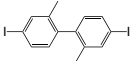
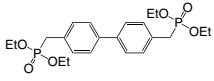
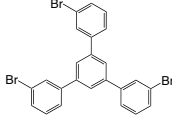
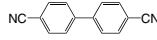
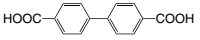
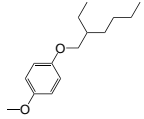
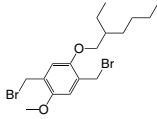

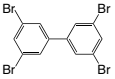
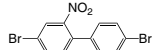
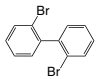
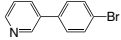
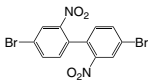



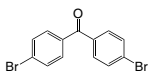
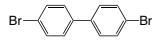
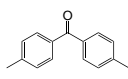
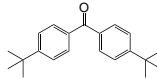
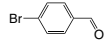
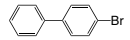
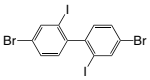
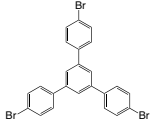
# Synthetic Intermediates and Reagents

## Thiophene Derivatives

<p><b>K1740</b>   1504626-07-6 <b>NEW</b></p>  <p>Formula : <math>C_{54}H_{84}Br_2F_2N_2S_3</math>            M.W. : 1055.26 g/mole            Grade : &gt;98%</p>	<p><b>K1741</b>   2433725-51-8</p>  <p>Grade : &gt;98%</p>	<p><b>K1742</b>   <b>NEW</b></p>  <p>Formula : <math>C_{26}H_{28}Br_2N_4S_4</math>            M.W. : 684.61 g/mole            Grade : &gt;98%</p>	<p><b>K1744</b>   1884694-93-2 <b>NEW</b></p>  <p>Formula : <math>C_{66}H_{74}O_2S_2</math>            M.W. : 963.42 g/mole            Grade : &gt;98%</p>
<p><b>K1745</b>   1878125-76-8</p>  <p>Formula : <math>C_{70}H_{74}O_2S_4</math>            M.W. : 1075.6 g/mole            Grade : &gt;98%</p>	<p><b>K1766</b>  </p>  <p>Formula : <math>C_{68}H_{72}Br_2S_4</math>            M.W. : 1177.37 g/mole            Grade : &gt;98%</p>	<p><b>K1769</b>  </p>  <p>Formula : <math>C_{62}H_{66}O_2S_8</math>            M.W. : 1099.71 g/mole            Grade : &gt;98%</p>	<p><b>K1775</b>  </p>  <p>Formula : <math>C_{58}H_{88}N_2O_2S_4</math>            M.W. : 973.59 g/mole            Grade : &gt;98%</p>
<p><b>K1777</b>  </p>  <p>Formula : <math>C_{40}H_{68}Br_2S_2</math>            M.W. : 772.91 g/mole            Grade : &gt;98%</p>	<p><b>K1797</b>   2758115-07-8 <b>NEW</b></p>  <p>Formula : <math>C_{40}H_{54}N_4O_2S_3</math>            M.W. : 719.08 g/mole            Grade : &gt;98%</p>	<p><b>K1822</b>   1421762-30-2 <b>NEW</b></p>  <p>Formula : <math>C_{20}H_{22}F_2N_2S_3Sn_2</math>            M.W. : 662.01 g/mole            Grade : &gt;98%</p>	

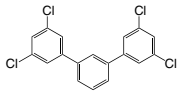
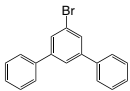
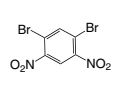
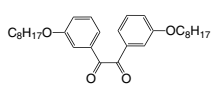
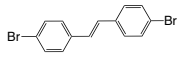
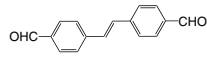
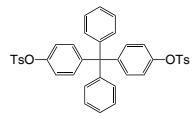
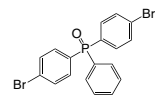
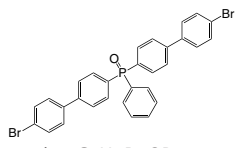
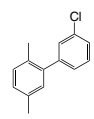
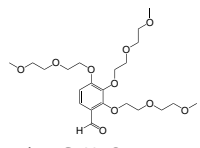
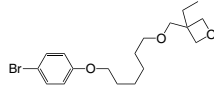
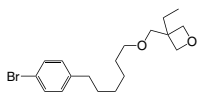
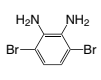
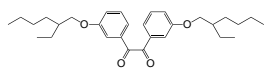
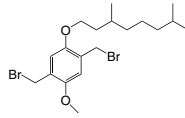
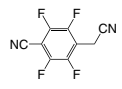
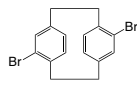
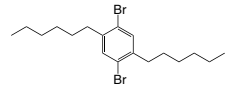
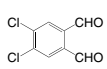

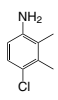
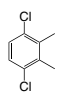
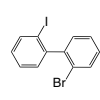
# Synthetic Intermediates and Reagents

## Benzene Derivatives

<p><b>K0007</b>   69571-02-4</p>  <p>Formula : C<sub>14</sub>H<sub>12</sub>I<sub>2</sub> M.W. : 434.05 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0008</b>   17919-34-5</p>  <p>Formula : C<sub>22</sub>H<sub>32</sub>O<sub>6</sub>P<sub>2</sub> M.W. : 454.43 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0072</b>   96761-85-2</p>  <p>Formula : C<sub>24</sub>H<sub>15</sub>Br<sub>3</sub> M.W. : 543.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0078</b>   1591-30-6</p>  <p>Formula : C<sub>14</sub>H<sub>8</sub>N<sub>2</sub> M.W. : 204.23 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0079</b>   787-70-2</p>  <p>Formula : C<sub>14</sub>H<sub>10</sub>O<sub>4</sub> M.W. : 242.23 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0090</b>   146370-51-6</p>  <p>Formula : C<sub>15</sub>H<sub>24</sub>O<sub>2</sub> M.W. : 236.35 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0091</b>   209625-37-6</p>  <p>Formula : C<sub>17</sub>H<sub>26</sub>Br<sub>2</sub>O<sub>2</sub> M.W. : 422.20 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0118</b>   3268-21-1</p>  <p>Formula : C<sub>10</sub>H<sub>12</sub>I<sub>2</sub> M.W. : 386.01 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0129</b>   16400-50-3</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>4</sub> M.W. : 469.79 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0131</b>   439797-69-0</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>Br<sub>2</sub>NO<sub>2</sub> M.W. : 357.00 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0142</b>   13029-09-9</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 312.00 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0146</b>   129013-83-8</p>  <p>Formula : C<sub>11</sub>H<sub>8</sub>BrN M.W. : 234.09 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0211</b>   91371-12-9</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 402.00 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0337</b>   626-39-1</p>  <p>Formula : C<sub>6</sub>H<sub>3</sub>Br<sub>3</sub> M.W. : 314.80 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0338</b>   106-37-6</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>Br<sub>2</sub> M.W. : 235.90 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0339</b>   589-87-7</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BrI M.W. : 282.90 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0351</b>   3988-03-2</p>  <p>Formula : C<sub>13</sub>H<sub>8</sub>Br<sub>2</sub>O M.W. : 340.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0352</b>   92-86-4</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 312.00 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0354</b>   611-97-2</p>  <p>Formula : C<sub>13</sub>H<sub>14</sub>O M.W. : 210.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0356</b>   15796-82-4</p>  <p>Formula : C<sub>21</sub>H<sub>26</sub>O M.W. : 294.43 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0357</b>   1122-91-4</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BrO M.W. : 185.02 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0358</b>   92-66-0</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>Br M.W. : 233.10 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0385</b>   852138-89-7</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>Br<sub>2</sub>I<sub>2</sub> M.W. : 563.79 g/mole Grade : &gt;96% (HPLC)</p>	<p><b>K0389</b>   7511-49-1</p>  <p>Formula : C<sub>24</sub>H<sub>15</sub>Br<sub>3</sub> M.W. : 543.09 g/mole Grade : &gt;98% (HPLC)</p>




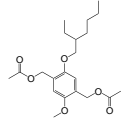
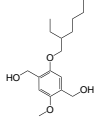
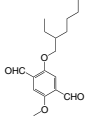

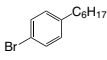
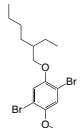
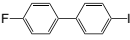
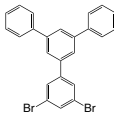
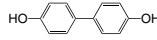

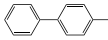
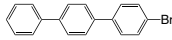
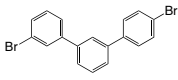
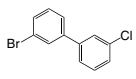
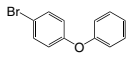


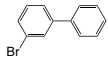
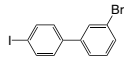
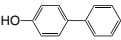
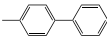
# Synthetic Intermediates and Reagents

## Benzene Derivatives

<p><b>K0394</b>   500729-84-0</p>  <p>Formula : C<sub>18</sub>H<sub>10</sub>Cl<sub>4</sub> M.W. : 368.08 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0395</b>   103068-20-8</p>  <p>Formula : C<sub>18</sub>H<sub>13</sub>Br M.W. : 309.20 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0410</b>   24239-82-5</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 325.90 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0456</b>   1100761-32-7</p>  <p>Formula : C<sub>30</sub>H<sub>42</sub>O<sub>4</sub> M.W. : 466.65 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0569</b>   18869-30-2</p>  <p>Formula : C<sub>14</sub>H<sub>10</sub>Br<sub>2</sub> M.W. : 338.04 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0570</b>   4720-99-4</p>  <p>Formula : C<sub>16</sub>H<sub>12</sub>O<sub>2</sub> M.W. : 236.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0574</b>  </p>  <p>Formula : C<sub>39</sub>H<sub>32</sub>O<sub>6</sub>S<sub>2</sub> M.W. : 660.8 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0586</b>   93869-52-4</p>  <p>Formula : C<sub>18</sub>H<sub>13</sub>Br<sub>2</sub>OP M.W. : 436.08 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0587</b>   1415633-83-8</p>  <p>Formula : C<sub>30</sub>H<sub>21</sub>Br<sub>2</sub>OP M.W. : 588.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0598</b>   86949-86-2</p>  <p>Formula : C<sub>14</sub>H<sub>11</sub>Cl M.W. : 216.71 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0610</b>   1650594-31-2</p>  <p>Formula : C<sub>22</sub>H<sub>36</sub>O<sub>10</sub> M.W. : 460.52 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0614</b>   860815-31-2</p>  <p>Formula : C<sub>18</sub>H<sub>27</sub>Br<sub>3</sub> M.W. : 371.31 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0615</b>   746633-97-6</p>  <p>Formula : C<sub>18</sub>H<sub>27</sub>Br<sub>3</sub> M.W. : 355.31 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0647</b>   69272-50-0</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub> M.W. : 265.93 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0649</b>   498572-72-8</p>  <p>Formula : C<sub>30</sub>H<sub>42</sub>O<sub>4</sub> M.W. : 466.65 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0756</b>   287919-00-0</p>  <p>Formula : C<sub>19</sub>H<sub>30</sub>Br<sub>2</sub>O<sub>2</sub> M.W. : 450.25 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0757</b>   121623-97-0</p>  <p>Formula : C<sub>9</sub>H<sub>2</sub>F<sub>4</sub>N<sub>2</sub> M.W. : 214.12 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0758</b>   96392-77-7</p>  <p>Formula : C<sub>16</sub>H<sub>14</sub>Br<sub>2</sub> M.W. : 366.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0839</b>   117635-21-9</p>  <p>Formula : C<sub>18</sub>H<sub>28</sub>Br<sub>2</sub> M.W. : 404.22 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0887</b>   13209-33-1</p>  <p>Formula : C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub> M.W. : 203.02 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0900</b>   577-19-5</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BrNO<sub>2</sub> M.W. : 202.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0928</b>   52827-70-0</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>ClN M.W. : 155.62 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0929</b>   52331-02-9</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>Cl<sub>2</sub> M.W. : 175.06 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0942</b>   39655-12-4</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>BrI M.W. : 359 g/mole Grade : &gt;98% (HPLC)</p>



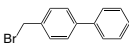
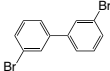
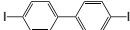
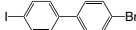
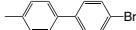
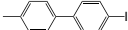

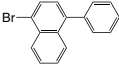
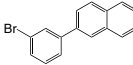
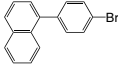

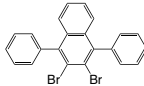
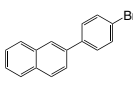
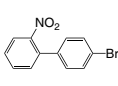


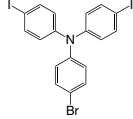
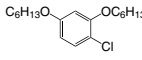
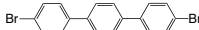
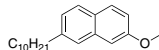
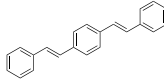
# Synthetic Intermediates and Reagents

## Benzene Derivatives

<p><b>K0944</b>   160892-07-9</p>  <p>Formula : <math>C_8H_3BrN_2</math> M.W. : 207.03 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0945</b>   28342-75-8</p>  <p>Formula : <math>C_6H_2Br_2F_2</math> M.W. : 271.88 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0946</b>   2368-49-2</p>  <p>Formula : <math>C_6Br_3F_3</math> M.W. : 368.77 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0952</b>   245731-57-1</p>  <p>Formula : <math>C_{21}H_{32}O_6</math> M.W. : 380.48 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0953</b>   245731-58-2</p>  <p>Formula : <math>C_{17}H_{28}O_4</math> M.W. : 296.4 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0954</b>   203251-22-3</p>  <p>Formula : <math>C_{17}H_{24}O_4</math> M.W. : 292.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0971</b>   632-51-9</p>  <p>Formula : <math>C_{26}H_{20}</math> M.W. : 332.44 g/mole Grade : &gt;98%</p>	<p><b>K0973</b>   23703-22-2</p>  <p>Formula : <math>C_{12}H_{17}Br</math> M.W. : 241.17 g/mole Grade : &gt;98%</p>
<p><b>K0978</b>   224558-17-2</p>  <p>Formula : <math>C_{15}H_{22}BrO_2</math> M.W. : 394.14 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>K0996</b>   10540-37-1</p>  <p>Formula : <math>C_{12}H_8FI</math> M.W. : 298.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0999</b>   942132-66-3</p>  <p>Formula : <math>C_{24}H_{16}Br_2</math> M.W. : 464.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1167</b>   92-88-6</p>  <p>Formula : <math>C_{12}H_{10}O_2</math> M.W. : 186.21 g/mole Grade : &gt;99%</p>
<p><b>K1168</b>   20442-79-9</p>  <p>Formula : <math>C_{12}H_{10}</math> M.W. : 280.1 g/mole Grade : &gt;98%</p>	<p><b>K1169</b>   1591-31-7</p>  <p>Formula : <math>C_{12}H_{10}</math> M.W. : 280.1 g/mole Grade : &gt;98%</p>	<p><b>K1170</b>   1762-84-1</p>  <p>Formula : <math>C_{18}H_{13}Br</math> M.W. : 309.2 g/mole Grade : &gt;99%</p>	<p><b>K1171</b>   95962-62-2</p>  <p>Formula : <math>C_{18}H_{12}Br_2</math> M.W. : 388.1 g/mole Grade : &gt;98%</p>
<p><b>K1172</b>   844856-42-4</p>  <p>Formula : <math>C_{12}H_8BrCl</math> M.W. : 267.55 g/mole Grade : &gt;98%</p>	<p><b>K1173</b>   101-55-3</p>  <p>Formula : <math>C_{12}H_9BrO</math> M.W. : 249.1 g/mole Grade : &gt;98%</p>	<p><b>K1174</b>   59080-32-9</p>  <p>Formula : <math>C_{12}H_8Br_2</math> M.W. : 312 g/mole Grade : &gt;98%</p>	<p><b>K1175</b>   2052-07-5</p>  <p>Formula : <math>C_{12}H_9Br</math> M.W. : 233.1 g/mole Grade : &gt;99%</p>
<p><b>K1176</b>   2113-57-7</p>  <p>Formula : <math>C_{12}H_9Br</math> M.W. : 233.1 g/mole Grade : &gt;99%</p>	<p><b>K1177</b>   187275-73-6</p>  <p>Formula : <math>C_{12}H_8BrI</math> M.W. : 359 g/mole Grade : &gt;98%</p>	<p><b>K1178</b>   92-69-3</p>  <p>Formula : <math>C_{12}H_{10}O</math> M.W. : 170.21 g/mole Grade : &gt;98%</p>	<p><b>K1179</b>   644-08-6</p>  <p>Formula : <math>C_{13}H_{12}</math> M.W. : 168.23 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

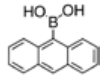


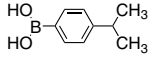
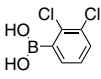


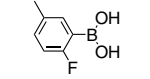
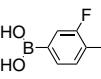
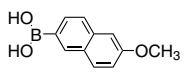
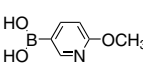
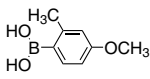
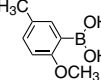

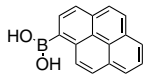
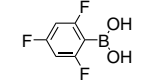
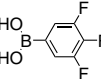

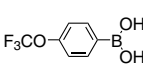
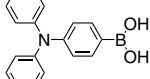
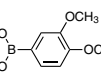
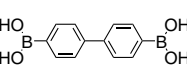

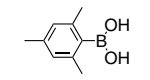
## Benzene Derivatives

<p><b>K1180</b>   643-93-6</p>  <p>Formula : C<sub>13</sub>H<sub>12</sub> M.W. : 168.23 g/mole Grade : &gt;99%</p>	<p><b>K1181</b>   14704-31-5</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>Br M.W. : 247.13 g/mole Grade : &gt;99%</p>	<p><b>K1182</b>   2567-29-5</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>Br M.W. : 247.13 g/mole Grade : &gt;99%</p>	<p><b>K1183</b>   16400-51-4</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 312 g/mole Grade : &gt;99%</p>
<p><b>K1184</b>   3001-15-8</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 406 g/mole Grade : &gt;99%</p>	<p><b>K1185</b>   105946-82-5</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>BrI M.W. : 359 g/mole Grade : &gt;99%</p>	<p><b>K1186</b>   50670-49-0</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>Br M.W. : 247.13 g/mole Grade : &gt;99%</p>	<p><b>K1187</b>   55290-86-3</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>I M.W. : 294.13 g/mole Grade : &gt;99%</p>
<p><b>K1188</b>   83-53-4</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>Br<sub>2</sub> M.W. : 285.96 g/mole Grade : &gt;99%</p>	<p><b>K1189</b>   59951-65-4</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>Br M.W. : 283.16 g/mole Grade : &gt;98%</p>	<p><b>K1190</b>   667940-23-0</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>Br M.W. : 283.16 g/mole Grade : &gt;99%</p>	<p><b>K1191</b>   204530-94-9</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>Br M.W. : 283.16 g/mole Grade : &gt;96%</p>
<p><b>K1192</b>   2674-34-2</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>Br<sub>2</sub>O<sub>2</sub> M.W. : 295.96 g/mole Grade : &gt;99%</p>	<p><b>K1193</b>   127257-79-8</p>  <p>Formula : C<sub>22</sub>H<sub>14</sub>Br<sub>2</sub> M.W. : 438.15 g/mole Grade : &gt;99%</p>	<p><b>K1194</b>   22082-99-1</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>Br M.W. : 283.16 g/mole Grade : &gt;99%</p>	<p><b>K1195</b>   35450-34-1</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>BrNO<sub>2</sub> M.W. : 278.1 g/mole Grade : &gt;99%</p>
<p><b>K1196</b>   86-00-0</p>  <p>Formula : C<sub>12</sub>H<sub>8</sub>NO<sub>2</sub> M.W. : 199.21 g/mole Grade : &gt;99%</p>	<p><b>K1197</b>   609-73-4</p>  <p>Formula : C<sub>9</sub>H<sub>6</sub>INO<sub>2</sub> M.W. : 249.01 g/mole Grade : &gt;99%</p>	<p><b>K1314</b>   1266674-69-4</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>Br<sub>2</sub>N M.W. : 576.01 g/mole Grade : &gt;99%</p>	<p><b>K1317</b>   851228-26-7</p>  <p>Formula : C<sub>18</sub>H<sub>20</sub>ClO<sub>2</sub> M.W. : 312.87 g/mole Grade : &gt;99%</p>
<p><b>K1324</b>   17788-94-2</p>  <p>Formula : C<sub>18</sub>H<sub>12</sub>Br<sub>2</sub> M.W. : 388.1 g/mole Grade : &gt;98%</p>	<p><b>K1755</b>  </p>  <p>Formula : C<sub>21</sub>H<sub>30</sub>O M.W. : 298.46 g/mole Grade : &gt;98%</p>	<p><b>K1817</b>   1608-41-9</p>  <p><b>NEW</b> Formula : C<sub>22</sub>H<sub>18</sub> M.W. : 282.38 g/mole Grade : &gt;98%</p>	



# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B0003</b>   100622-34-2</p>  <p>Formula : C<sub>14</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 222.04 g/mole Grade : &gt;97%</p>	<p><b>B0004</b>   98-80-6</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 121.92 g/mole Grade : &gt;97%</p>	<p><b>B0005</b>   4688-76-0</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 198.02 g/mole Grade : &gt;97%</p>	<p><b>B0021</b>   16152-51-5</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 164.01 g/mole Grade : &gt;98%</p>
<p><b>B0022</b>   151169-74-3</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.81 g/mole Grade : &gt;97%</p>	<p><b>B0037</b>   90002-36-1</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;96%</p>	<p><b>B0045</b>   163517-62-2</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 153.95 g/mole Grade : &gt;96%</p>	<p><b>B0047</b>   166328-16-1</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 153.95 g/mole Grade : &gt;97%</p>
<p><b>B0048</b>   168267-99-0</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>FO<sub>2</sub> M.W. : 153.95 g/mole Grade : &gt;97%</p>	<p><b>B0052</b>   156641-98-4</p>  <p>Formula : C<sub>11</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 202.01 g/mole Grade : &gt;97%</p>	<p><b>B0053</b>   163105-89-3</p>  <p>Formula : C<sub>6</sub>H<sub>8</sub>BNO<sub>3</sub> M.W. : 152.94 g/mole Grade : &gt;98%</p>	<p><b>B0054</b>   208399-66-0</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 165.98 g/mole Grade : &gt;97%</p>
<p><b>B0055</b>   127972-00-3</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 165.98 g/mole Grade : &gt;97%</p>	<p><b>B0063</b>   68572-87-2</p>  <p>Formula : C<sub>14</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 222.05 g/mole Grade : &gt;97%</p>	<p><b>B0067</b>   164461-18-1</p>  <p>Formula : C<sub>16</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 246.07 g/mole Grade : &gt;97%</p>	<p><b>B0078</b>   182482-25-3</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;97%</p>
<p><b>B0079</b>   143418-49-9</p>  <p>Formula : C<sub>6</sub>H<sub>2</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;95%</p>	<p><b>B0080</b>   175676-65-0</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>BF<sub>3</sub>O<sub>3</sub> M.W. : 205.93 g/mole Grade : &gt;98%</p>	<p><b>B0081</b>   139301-27-2</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>BF<sub>3</sub>O<sub>3</sub> M.W. : 205.93 g/mole Grade : &gt;97%</p>	<p><b>B0082</b>   201802-67-7</p>  <p>Formula : C<sub>18</sub>H<sub>16</sub>BNO<sub>2</sub> M.W. : 289.14 g/mole Grade : &gt;97%</p>
<p><b>B0083</b>   122775-35-3</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 181.98 g/mole Grade : &gt;97%</p>	<p><b>B0087</b>   4151-80-8</p>  <p>Formula : C<sub>12</sub>H<sub>12</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 241.84 g/mole Grade : &gt;98%</p>	<p><b>B0090</b>   172975-69-8</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;98%</p>	<p><b>B0091</b>   5980-97-2</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 164.01 g/mole Grade : &gt;98%</p>

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

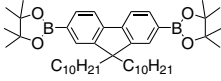
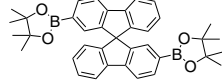
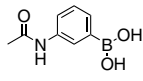
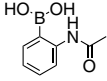
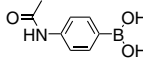
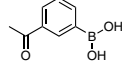
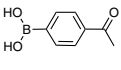
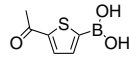
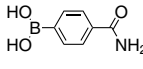
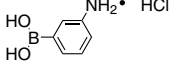
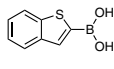
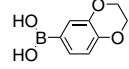
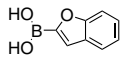
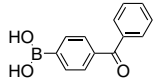
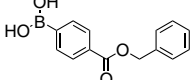
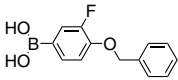
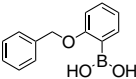
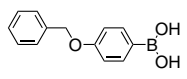
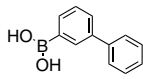
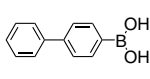
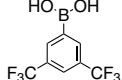
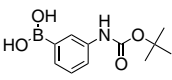
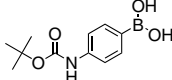
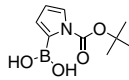
Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

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Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

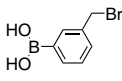
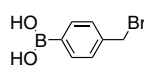
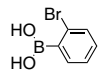
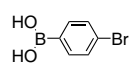
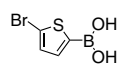
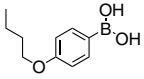
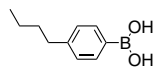
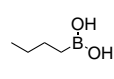
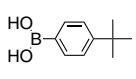
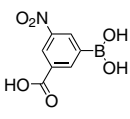
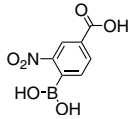
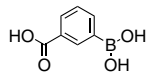
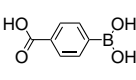
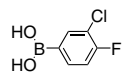
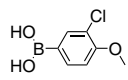
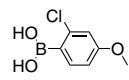
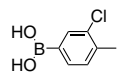
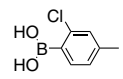
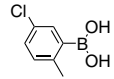
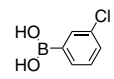
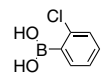
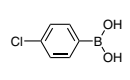
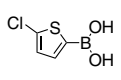
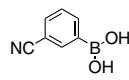
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B0092</b>   711026-06-1</p>  <p>Formula : C<sub>45</sub>H<sub>72</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 698.67 g/mole Grade : &gt;97%</p>	<p><b>B0094</b>   861455-18-7</p>  <p>Formula : C<sub>37</sub>H<sub>38</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 568.32 g/mole Grade : &gt;97%</p>	<p><b>B1001</b>   78887-39-5</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BNO<sub>3</sub> M.W. : 178.98 g/mole Grade : &gt;98%</p>	<p><b>B1002</b>   169760-16-1</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BNO<sub>3</sub> M.W. : 178.98 g/mole Grade : &gt;97%</p>
<p><b>B1003</b>   101251-09-6</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BNO<sub>3</sub> M.W. : 178.98 g/mole Grade : &gt;95%</p>	<p><b>B1004</b>   204841-19-0</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>3</sub> M.W. : 163.96 g/mole Grade : &gt;97%</p>	<p><b>B1005</b>   149104-90-5</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>3</sub> M.W. : 163.96 g/mole Grade : &gt;97%</p>	<p><b>B1006</b>   206551-43-1</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>3</sub>S M.W. : 169.99 g/mole Grade : &gt;96%</p>
<p><b>B1007</b>   123088-59-5</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BNO<sub>3</sub> M.W. : 164.95 g/mole Grade : &gt;98%</p>	<p><b>B1008</b>   85006-23-1</p>  <p>Formula : C<sub>6</sub>H<sub>9</sub>BClNO<sub>2</sub> M.W. : 173.41 g/mole Grade : &gt;95%</p>	<p><b>B1009</b>   98437-23-1</p>  <p>Formula : C<sub>8</sub>H<sub>7</sub>BO<sub>2</sub>S M.W. : 178.02 g/mole Grade : &gt;97%</p>	<p><b>B1010</b>   164014-95-3</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>4</sub> M.W. : 179.97 g/mole Grade : &gt;98%</p>
<p><b>B1011</b>   98437-24-2</p>  <p>Formula : C<sub>8</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 161.95 g/mole Grade : &gt;97%</p>	<p><b>B1012</b>   268218-94-6</p>  <p>Formula : C<sub>13</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 226.04 g/mole Grade : &gt;97%</p>	<p><b>B1013</b>   184000-11-1</p>  <p>Formula : C<sub>14</sub>H<sub>13</sub>BO<sub>4</sub> M.W. : 256.06 g/mole Grade : &gt;96%</p>	<p><b>B1014</b>   133057-83-7</p>  <p>Formula : C<sub>13</sub>H<sub>12</sub>BFO<sub>3</sub> M.W. : 246.04 g/mole Grade : &gt;98%</p>
<p><b>B1015</b>   190661-29-1</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>BO<sub>3</sub> M.W. : 228.05 g/mole Grade : &gt;98%</p>	<p><b>B1016</b>   146631-00-7</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>BO<sub>3</sub> M.W. : 228.05 g/mole Grade : &gt;98%</p>	<p><b>B1017</b>   5122-95-2</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 198.03 g/mole Grade : &gt;97%</p>	<p><b>B1018</b>   5122-94-1</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 198.03 g/mole Grade : &gt;98%</p>
<p><b>B1019</b>   73852-19-4</p>  <p>Formula : C<sub>8</sub>H<sub>5</sub>BF<sub>6</sub>O<sub>2</sub> M.W. : 257.93 g/mole Grade : &gt;98%</p>	<p><b>B1020</b>   380430-68-2</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>BNO<sub>4</sub> M.W. : 237.06 g/mole Grade : &gt;95%</p>	<p><b>B1021</b>   380430-49-9</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>BNO<sub>4</sub> M.W. : 237.06 g/mole Grade : &gt;95%</p>	<p><b>B1022</b>   135884-31-0</p>  <p>Formula : C<sub>9</sub>H<sub>14</sub>BNO<sub>4</sub> M.W. : 211.02 g/mole Grade : &gt;98%</p>

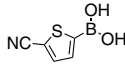
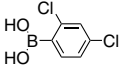
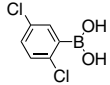

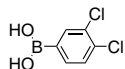
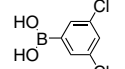
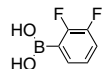
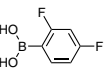
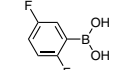
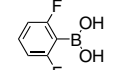
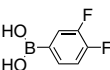
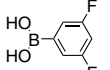
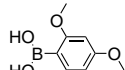
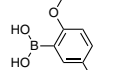
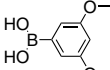
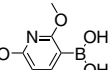
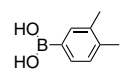
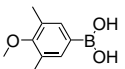
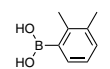
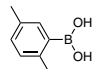
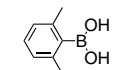
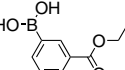
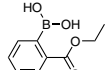
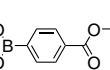
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1023</b>   51323-43-4</p>  <p>Formula : <math>C_7H_8BBrO_2</math> M.W. : 214.85 g/mole Grade : &gt;95%</p>	<p><b>B1024</b>   68162-47-0</p>  <p>Formula : <math>C_7H_8BBrO_2</math> M.W. : 214.85 g/mole Grade : &gt;97%</p>	<p><b>B1025</b>   244205-40-1</p>  <p>Formula : <math>C_6H_6BBrO_2</math> M.W. : 200.83 g/mole Grade : &gt;96%</p>	<p><b>B1026</b>   5467-74-3</p>  <p>Formula : <math>C_6H_6BBrO_2</math> M.W. : 200.83 g/mole Grade : &gt;97%</p>
<p><b>B1027</b>   162607-17-2</p>  <p>Formula : <math>C_4H_4BBrO_2S</math> M.W. : 206.85 g/mole Grade : &gt;95%</p>	<p><b>B1028</b>   105365-51-3</p>  <p>Formula : <math>C_{10}H_{15}BO_3</math> M.W. : 194.04 g/mole Grade : &gt;98%</p>	<p><b>B1029</b>   145240-28-4</p>  <p>Formula : <math>C_{10}H_{15}BO_2</math> M.W. : 178.04 g/mole Grade : &gt;97%</p>	<p><b>B1030</b>   4426-47-5</p>  <p>Formula : <math>C_4H_{11}BO_2</math> M.W. : 101.94 g/mole Grade : &gt;95%</p>
<p><b>B1031</b>   123324-71-0</p>  <p>Formula : <math>C_{10}H_{15}BO_2</math> M.W. : 178.04 g/mole Grade : &gt;98%</p>	<p><b>B1032</b>   101084-81-5</p>  <p>Formula : <math>C_7H_6BNO_6</math> M.W. : 210.94 g/mole Grade : &gt;95%</p>	<p><b>B1033</b>   85107-54-6</p>  <p>Formula : <math>C_7H_6BNO_6</math> M.W. : 210.94 g/mole Grade : &gt;96%</p>	<p><b>B1034</b>   25487-66-5</p>  <p>Formula : <math>C_7H_7BO_4</math> M.W. : 165.94 g/mole Grade : &gt;97%</p>
<p><b>B1035</b>   14047-29-1</p>  <p>Formula : <math>C_7H_7BO_4</math> M.W. : 165.94 g/mole Grade : &gt;97%</p>	<p><b>B1036</b>   144432-85-9</p>  <p>Formula : <math>C_6H_5BClFO_2</math> M.W. : 174.37 g/mole Grade : &gt;98%</p>	<p><b>B1037</b>   175883-60-0</p>  <p>Formula : <math>C_7H_8BClO_3</math> M.W. : 186.4 g/mole Grade : &gt;96%</p>	<p><b>B1038</b>   219735-99-6</p>  <p>Formula : <math>C_7H_8BClO_3</math> M.W. : 186.4 g/mole Grade : &gt;97%</p>
<p><b>B1039</b>   175883-63-3</p>  <p>Formula : <math>C_7H_7BClO_2</math> M.W. : 170.4 g/mole Grade : &gt;97%</p>	<p><b>B1040</b>   145349-62-8</p>  <p>Formula : <math>C_7H_7BClO_2</math> M.W. : 170.4 g/mole Grade : &gt;98%</p>	<p><b>B1041</b>   148839-33-2</p>  <p>Formula : <math>C_7H_7BClO_2</math> M.W. : 170.4 g/mole Grade : &gt;97%</p>	<p><b>B1042</b>   63503-60-6</p>  <p>Formula : <math>C_6H_6BClO_2</math> M.W. : 156.37 g/mole Grade : &gt;97%</p>
<p><b>B1043</b>   3900-89-8</p>  <p>Formula : <math>C_6H_6BClO_2</math> M.W. : 156.37 g/mole Grade : &gt;98%</p>	<p><b>B1044</b>   1679-18-1</p>  <p>Formula : <math>C_6H_6BClO_2</math> M.W. : 156.37 g/mole Grade : &gt;97%</p>	<p><b>B1045</b>   162607-18-3</p>  <p>Formula : <math>C_4H_4BClO_2S</math> M.W. : 162.4 g/mole Grade : &gt;97%</p>	<p><b>B1046</b>   150255-96-2</p>  <p>Formula : <math>C_7H_6BNO_2</math> M.W. : 146.94 g/mole Grade : &gt;97%</p>

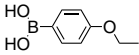
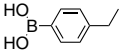
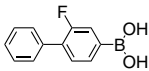
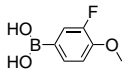

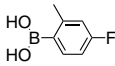
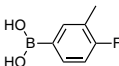


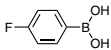

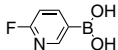
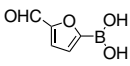
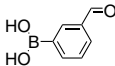

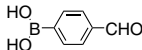


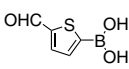

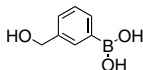

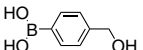
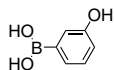
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1048</b>   305832-67-1</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>BNO<sub>2</sub>S M.W. : 152.97 g/mole Grade : &gt;97%</p>	<p><b>B1049</b>   68716-47-2</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.82 g/mole Grade : &gt;98%</p>	<p><b>B1050</b>   135145-90-3</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.82 g/mole Grade : &gt;98%</p>	<p><b>B1051</b>   73852-17-2</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.82 g/mole Grade : &gt;98%</p>
<p><b>B1052</b>   151169-75-4</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.82 g/mole Grade : &gt;96%</p>	<p><b>B1053</b>   67492-50-6</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BCl<sub>2</sub>O<sub>2</sub> M.W. : 190.82 g/mole Grade : &gt;97%</p>	<p><b>B1054</b>   121219-16-7</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;97%</p>	<p><b>B1055</b>   144025-03-6</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;98%</p>
<p><b>B1056</b>   193353-34-3</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;98%</p>	<p><b>B1057</b>   162101-25-9</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;98%</p>	<p><b>B1058</b>   168267-41-2</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;97%</p>	<p><b>B1059</b>   156545-07-2</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>2</sub>O<sub>2</sub> M.W. : 157.91 g/mole Grade : &gt;98%</p>
<p><b>B1060</b>   133730-34-4</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 181.98 g/mole Grade : &gt;95%</p>	<p><b>B1061</b>   107099-99-0</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 181.98 g/mole Grade : &gt;97%</p>	<p><b>B1062</b>   192182-54-0</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 181.98 g/mole Grade : &gt;97%</p>	<p><b>B1063</b>   221006-70-8</p>  <p>Formula : C<sub>7</sub>H<sub>10</sub>BNO<sub>4</sub> M.W. : 182.97 g/mole Grade : &gt;98%</p>
<p><b>B1064</b>   55499-43-9</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;98%</p>	<p><b>B1065</b>   301699-39-8</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>3</sub> M.W. : 180.01 g/mole Grade : &gt;97%</p>	<p><b>B1066</b>   183158-34-1</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;98%</p>	<p><b>B1067</b>   85199-06-0</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;98%</p>
<p><b>B1068</b>   100379-00-8</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 149.98 g/mole Grade : &gt;98%</p>	<p><b>B1069</b>   4334-87-6</p>  <p>Formula : C<sub>9</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 193.99 g/mole Grade : &gt;98%</p>	<p><b>B1070</b>   380430-53-5</p>  <p>Formula : C<sub>9</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 193.99 g/mole Grade : &gt;96%</p>	<p><b>B1071</b>   4334-88-7</p>  <p>Formula : C<sub>9</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 193.99 g/mole Grade : &gt;98%</p>

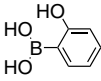
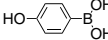
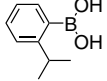
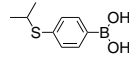

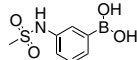
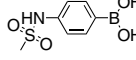
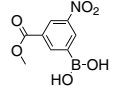
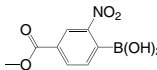
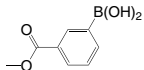
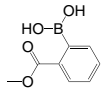
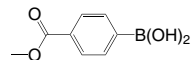
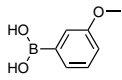
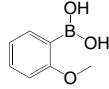
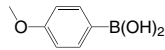
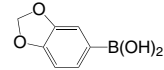
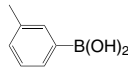
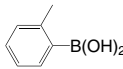
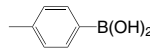
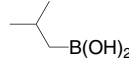
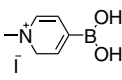
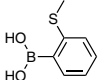
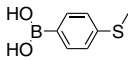
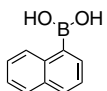
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1072</b>   22237-13-4</p>  <p>Formula : <math>C_8H_{11}BO_3</math> M.W. : 165.98 g/mole Grade : &gt;97%</p>	<p><b>B1073</b>   63139-21-9</p>  <p>Formula : <math>C_8H_{11}BO_2</math> M.W. : 149.98 g/mole Grade : &gt;97%</p>	<p><b>B1074</b>   178305-99-2</p>  <p>Formula : <math>C_{12}H_{10}BFO_2</math> M.W. : 216.02 g/mole Grade : &gt;98%</p>	<p><b>B1075</b>   149507-26-6</p>  <p>Formula : <math>C_7H_8BFO_3</math> M.W. : 169.95 g/mole Grade : &gt;98%</p>
<p><b>B1076</b>   179897-94-0</p>  <p>Formula : <math>C_7H_8BFO_3</math> M.W. : 169.95 g/mole Grade : &gt;97%</p>	<p><b>B1077</b>   139911-29-8</p>  <p>Formula : <math>C_7H_8BFO_2</math> M.W. : 153.95 g/mole Grade : &gt;97%</p>	<p><b>B1078</b>   139911-27-6</p>  <p>Formula : <math>C_7H_8BFO_2</math> M.W. : 153.95 g/mole Grade : &gt;97%</p>	<p><b>B1079</b>   768-35-4</p>  <p>Formula : <math>C_6H_6BFO_2</math> M.W. : 139.92 g/mole Grade : &gt;97%</p>
<p><b>B1080</b>   1993-03-9</p>  <p>Formula : <math>C_6H_6BFO_2</math> M.W. : 139.92 g/mole Grade : &gt;98%</p>	<p><b>B1081</b>   1765-93-1</p>  <p>Formula : <math>C_6H_6BFO_2</math> M.W. : 139.92 g/mole Grade : &gt;98%</p>	<p><b>B1082</b>   174669-73-9</p>  <p>Formula : <math>C_5H_5BFNO_2</math> M.W. : 140.91 g/mole Grade : &gt;98%</p>	<p><b>B1083</b>   351019-18-6</p>  <p>Formula : <math>C_5H_5BFNO_2</math> M.W. : 140.91 g/mole Grade : &gt;98%</p>
<p><b>B1084</b>   27329-70-0</p>  <p>Formula : <math>C_5H_5BO_4</math> M.W. : 139.90 g/mole Grade : &gt;98%</p>	<p><b>B1085</b>   87199-16-4</p>  <p>Formula : <math>C_7H_7BO_3</math> M.W. : 149.94 g/mole Grade : &gt;97%</p>	<p><b>B1086</b>   40138-16-7</p>  <p>Formula : <math>C_7H_7BO_3</math> M.W. : 149.94 g/mole Grade : &gt;97%</p>	<p><b>B1087</b>   87199-17-5</p>  <p>Formula : <math>C_7H_7BO_3</math> M.W. : 149.94 g/mole Grade : &gt;97%</p>
<p><b>B1088</b>   4347-31-3</p>  <p>Formula : <math>C_5H_5BO_3S</math> M.W. : 155.97 g/mole Grade : &gt;98%</p>	<p><b>B1089</b>   17303-83-2</p>  <p>Formula : <math>C_5H_5BO_3S</math> M.W. : 155.97 g/mole Grade : &gt;96%</p>	<p><b>B1090</b>   4347-33-5</p>  <p>Formula : <math>C_5H_5BO_3S</math> M.W. : 155.97 g/mole Grade : &gt;97%</p>	<p><b>B1091</b>   13331-23-2</p>  <p>Formula : <math>C_4H_5BO_3</math> M.W. : 111.89 g/mole Grade : &gt;97%</p>
<p><b>B1092</b>   87199-15-3</p>  <p>Formula : <math>C_7H_9BO_3</math> M.W. : 151.96 g/mole Grade : &gt;98%</p>	<p><b>B1093</b>   87199-14-2</p>  <p>Formula : <math>C_7H_9BO_3</math> M.W. : 151.96 g/mole Grade : &gt;98%</p>	<p><b>B1094</b>   59016-93-2</p>  <p>Formula : <math>C_7H_9BO_3</math> M.W. : 151.96 g/mole Grade : &gt;96%</p>	<p><b>B1095</b>   87199-18-6</p>  <p>Formula : <math>C_6H_7BO_3</math> M.W. : 137.93 g/mole Grade : &gt;95%</p>

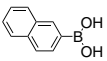
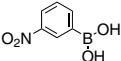
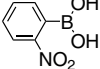
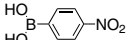
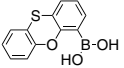
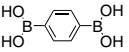
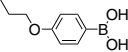
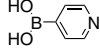
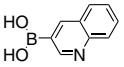


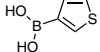
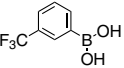
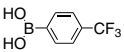
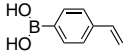
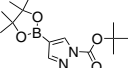
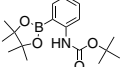
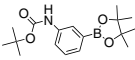
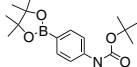
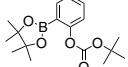
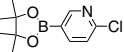
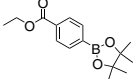
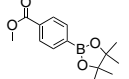
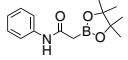
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1096</b>   89466-08-0</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 137.93 g/mole Grade : &gt;97%</p>	<p><b>B1097</b>   71597-85-8</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 137.93 g/mole Grade : &gt;98%</p>	<p><b>B1098</b>   89787-12-2</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 164.01 g/mole Grade : &gt;97%</p>	<p><b>B1099</b>   380427-38-3</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub>S M.W. : 196.07 g/mole Grade : &gt;96%</p>
<p><b>B1100</b>   192182-56-2</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 172.98 g/mole Grade : &gt;96%</p>	<p><b>B1101</b>   148355-75-3</p>  <p>Formula : C<sub>7</sub>H<sub>10</sub>BNO<sub>4</sub>S M.W. : 215.03 g/mole Grade : &gt;98%</p>	<p><b>B1102</b>   380430-57-9</p>  <p>Formula : C<sub>7</sub>H<sub>10</sub>BNO<sub>4</sub>S M.W. : 215.03 g/mole Grade : &gt;95%</p>	<p><b>B1103</b>   117342-20-8</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BNO<sub>6</sub> M.W. : 224.96 g/mole Grade : &gt;98%</p>
<p><b>B1104</b>   85107-55-7</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BNO<sub>6</sub> M.W. : 224.96 g/mole Grade : &gt;97%</p>	<p><b>B1105</b>   99769-19-4</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BO<sub>4</sub> M.W. : 179.97 g/mole Grade : &gt;97%</p>	<p><b>B1106</b>   374538-03-1</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BO<sub>4</sub> M.W. : 179.97 g/mole Grade : &gt;97%</p>	<p><b>B1107</b>   99768-12-4</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BO<sub>4</sub> M.W. : 179.97 g/mole Grade : &gt;97%</p>
<p><b>B1108</b>   10365-98-7</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 151.96 g/mole Grade : &gt;98%</p>	<p><b>B1109</b>   5720-06-9</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 151.96 g/mole Grade : &gt;97%</p>	<p><b>B1110</b>   5720-07-0</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 151.96 g/mole Grade : &gt;97%</p>	<p><b>B1112</b>   94839-07-3</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>4</sub> M.W. : 165.94 g/mole Grade : &gt;98%</p>
<p><b>B1115</b>   17933-03-8</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 135.96 g/mole Grade : &gt;97%</p>	<p><b>B1116</b>   16419-60-6</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 135.96 g/mole Grade : &gt;98%</p>	<p><b>B1117</b>   5720-05-8</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 135.96 g/mole Grade : &gt;97%</p>	<p><b>B1118</b>   84110-40-7</p>  <p>Formula : C<sub>4</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 101.94 g/mole Grade : &gt;97%</p>
<p><b>B1119</b>   362045-65-6</p>  <p>Formula : C<sub>6</sub>H<sub>10</sub>BINO<sub>2</sub> M.W. : 265.86 g/mole Grade : &gt;95%</p>	<p><b>B1120</b>   168618-42-6</p>  <p>Formula : C<sub>7</sub>H<sub>9</sub>BO<sub>2</sub>S M.W. : 168.02 g/mole Grade : &gt;98%</p>	<p><b>B1121</b>   98546-51-1</p>  <p>Formula : C<sub>7</sub>H<sub>9</sub>BO<sub>2</sub>S M.W. : 168.02 g/mole Grade : &gt;98%</p>	<p><b>B1122</b>   13922-41-3</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>BO<sub>2</sub> M.W. : 171.99 g/mole Grade : &gt;98% (HPLC)</p>

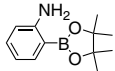
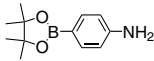
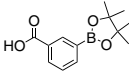
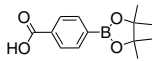
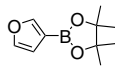
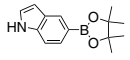
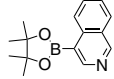
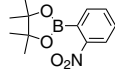
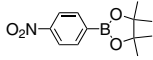
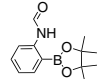
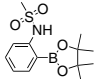
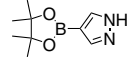
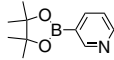
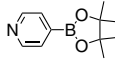
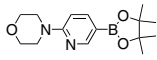
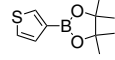
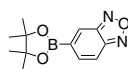
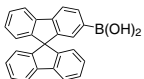
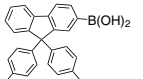
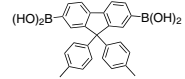
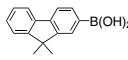
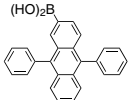
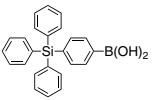
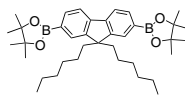
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1123</b>   32316-92-0</p>  <p>Formula : <math>C_{10}H_8BO_2</math> M.W. : 171.99 g/mole Grade : &gt;98%</p>	<p><b>B1124</b>   13331-27-6</p>  <p>Formula : <math>C_6H_6BNO_4</math> M.W. : 166.93 g/mole Grade : &gt;97%</p>	<p><b>B1125</b>   5570-19-4</p>  <p>Formula : <math>C_6H_6BNO_4</math> M.W. : 166.93 g/mole Grade : &gt;97%</p>	<p><b>B1126</b>   24067-17-2</p>  <p>Formula : <math>C_6H_6BNO_4</math> M.W. : 166.93 g/mole Grade : &gt;98%</p>
<p><b>B1127</b>   100124-07-0</p>  <p>Formula : <math>C_{12}H_8BO_3S</math> M.W. : 244.07 g/mole Grade : &gt;97%</p>	<p><b>B1128</b>   4612-26-4</p>  <p>Formula : <math>C_6H_8B_2O_4</math> M.W. : 165.75 g/mole Grade : &gt;98%</p>	<p><b>B1130</b>   186497-67-6</p>  <p>Formula : <math>C_9H_{13}BO_3</math> M.W. : 180.01 g/mole Grade : &gt;97%</p>	<p><b>B1132</b>   1692-15-5</p>  <p>Formula : <math>C_5H_6BNO_2</math> M.W. : 122.95 g/mole Grade : &gt;98%</p>
<p><b>B1133</b>   191162-39-7</p>  <p>Formula : <math>C_9H_8BNO_2</math> M.W. : 172.98 g/mole Grade : &gt;97%</p>	<p><b>B1134</b>   86-58-8</p>  <p>Formula : <math>C_9H_8BNO_2</math> M.W. : 172.98 g/mole Grade : &gt;98%</p>	<p><b>B1135</b>   6165-68-0</p>  <p>Formula : <math>C_4H_5BO_2S</math> M.W. : 127.96 g/mole Grade : &gt;97%</p>	<p><b>B1136</b>   6165-69-1</p>  <p>Formula : <math>C_4H_5BO_2S</math> M.W. : 127.96 g/mole Grade : &gt;98%</p>
<p><b>B1137</b>   1423-26-3</p>  <p>Formula : <math>C_7H_6BF_3O_2</math> M.W. : 189.93 g/mole Grade : &gt;97%</p>	<p><b>B1138</b>   128796-39-4</p>  <p>Formula : <math>C_7H_6BF_3O_2</math> M.W. : 189.93 g/mole Grade : &gt;97%</p>	<p><b>B1139</b>   2156-04-9</p>  <p>Formula : <math>C_9H_8BO_2</math> M.W. : 147.97 g/mole Grade : &gt;98%</p>	<p><b>B1140</b>   552846-17-0</p>  <p>Formula : <math>C_{14}H_{23}BN_2O_4</math> M.W. : 294.15 g/mole Grade : &gt;98%</p>
<p><b>B1141</b>   159624-15-4</p>  <p>Formula : <math>C_{17}H_{26}BNO_4</math> M.W. : 319.20 g/mole Grade : &gt;98%</p>	<p><b>B1142</b>   330793-09-4</p>  <p>Formula : <math>C_{17}H_{26}BNO_4</math> M.W. : 319.20 g/mole Grade : &gt;96%</p>	<p><b>B1143</b>   330793-01-6</p>  <p>Formula : <math>C_{17}H_{26}BNO_4</math> M.W. : 319.20 g/mole Grade : &gt;98%</p>	<p><b>B1144</b>   480424-71-3</p>  <p>Formula : <math>C_{17}H_{25}BO_5</math> M.W. : 320.19 g/mole Grade : &gt;95%</p>
<p><b>B1145</b>   444120-94-9</p>  <p>Formula : <math>C_{11}H_9BClNO_2</math> M.W. : 239.51 g/mole Grade : &gt;98%</p>	<p><b>B1147</b>   195062-62-5</p>  <p>Formula : <math>C_{15}H_{21}BO_4</math> M.W. : 276.14 g/mole Grade : &gt;96%</p>	<p><b>B1148</b>   171364-80-0</p>  <p>Formula : <math>C_{14}H_{19}BO_4</math> M.W. : 262.11 g/mole Grade : &gt;98%</p>	<p><b>B1149</b>   380430-61-5</p>  <p>Formula : <math>C_{14}H_{20}BNO_3</math> M.W. : 261.12 g/mole Grade : &gt;96%</p>

# Synthetic Intermediates and Reagents

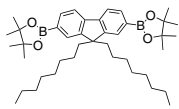
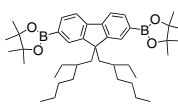
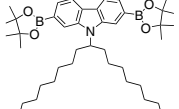
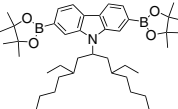
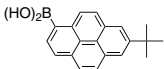
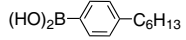

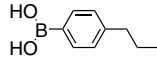
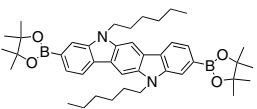
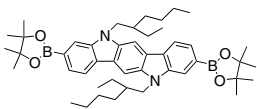
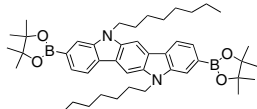
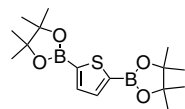
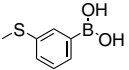
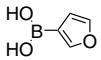
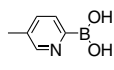
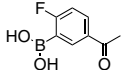
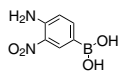
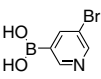
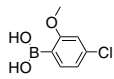
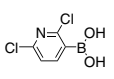
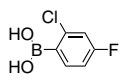
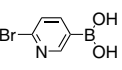
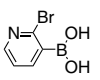
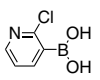
## Boronic Acids / Boronic Esters

<p><b>B1150</b>   191171-55-8</p>  <p>Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 219.09 g/mole Grade : &gt;98%</p>	<p><b>B1151</b>   214360-73-3</p>  <p>Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 219.09 g/mole Grade : &gt;97%</p>	<p><b>B1152</b>   269409-73-6</p>  <p>Formula : C<sub>13</sub>H<sub>17</sub>BO<sub>4</sub> M.W. : 248.08 g/mole Grade : &gt;98%</p>	<p><b>B1153</b>   180516-87-4</p>  <p>Formula : C<sub>13</sub>H<sub>17</sub>BO<sub>4</sub> M.W. : 248.08 g/mole Grade : &gt;97%</p>
<p><b>B1154</b>   248924-59-6</p>  <p>Formula : C<sub>10</sub>H<sub>15</sub>BO<sub>3</sub> M.W. : 194.04 g/mole Grade : &gt;98%</p>	<p><b>B1155</b>   269410-24-4</p>  <p>Formula : C<sub>14</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 243.11 g/mole Grade : &gt;98%</p>	<p><b>B1156</b>   685103-98-4</p>  <p>Formula : C<sub>15</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 255.12 g/mole Grade : &gt;95%</p>	<p><b>B1157</b>   190788-59-1</p>  <p>Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>4</sub> M.W. : 249.07 g/mole Grade : &gt;98%</p>
<p><b>B1158</b>   171364-83-3</p>  <p>Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>4</sub> M.W. : 249.07 g/mole Grade : &gt;98%</p>	<p><b>B1159</b>   480425-36-3</p>  <p>Formula : C<sub>13</sub>H<sub>18</sub>BNO<sub>3</sub> M.W. : 247.1 g/mole Grade : &gt;95%</p>	<p><b>B1160</b>   380430-60-4</p>  <p>Formula : C<sub>13</sub>H<sub>20</sub>BNO<sub>4</sub>S M.W. : 297.18 g/mole Grade : &gt;98%</p>	<p><b>B1161</b>   269410-08-4</p>  <p>Formula : C<sub>9</sub>H<sub>15</sub>BN<sub>2</sub>O<sub>2</sub> M.W. : 194.04 g/mole Grade : &gt;98%</p>
<p><b>B1162</b>   329214-79-1</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>BNO<sub>2</sub> M.W. : 205.06 g/mole Grade : &gt;97%</p>	<p><b>B1163</b>   181219-01-2</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>BNO<sub>2</sub> M.W. : 205.06 g/mole Grade : &gt;97%</p>	<p><b>B1164</b>   485799-04-0</p>  <p>Formula : C<sub>15</sub>H<sub>23</sub>BN<sub>2</sub>O<sub>3</sub> M.W. : 290.17 g/mole Grade : &gt;98%</p>	<p><b>B1165</b>   214360-70-0</p>  <p>Formula : C<sub>10</sub>H<sub>15</sub>BO<sub>2</sub>S M.W. : 210.10 g/mole Grade : &gt;98%</p>
<p><b>B1167</b>   1073355-14-2</p>  <p>Formula : C<sub>12</sub>H<sub>15</sub>BN<sub>2</sub>O<sub>3</sub> M.W. : 246.07 g/mole Grade : &gt;98%</p>	<p><b>B1168</b>   236389-21-2</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>BO<sub>2</sub> M.W. : 360.21 g/mole Grade : &gt;97%</p>	<p><b>B1170</b>   1193104-83-4</p>  <p>Formula : C<sub>27</sub>H<sub>23</sub>BO<sub>2</sub> M.W. : 390.28 g/mole Grade : &gt;97%</p>	<p><b>B1171</b>   1706525-40-7</p>  <p>Formula : C<sub>27</sub>H<sub>24</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 434.1 g/mole Grade : &gt;97%</p>
<p><b>B1172</b>   333432-28-3</p>  <p>Formula : C<sub>15</sub>H<sub>15</sub>BO<sub>2</sub> M.W. : 238.09 g/mole Grade : &gt;97%</p>	<p><b>B1175</b>   597553-98-5</p>  <p>Formula : C<sub>26</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 374.24 g/mole Grade : &gt;97%</p>	<p><b>B1176</b>   852475-03-7</p>  <p>Formula : C<sub>24</sub>H<sub>21</sub>BO<sub>2</sub>Si M.W. : 380.32 g/mole Grade : &gt;97%</p>	<p><b>B1177</b>   254755-24-3</p>  <p>Formula : C<sub>37</sub>H<sub>56</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 586.46 g/mole Grade : &gt;97% (HPLC)</p>



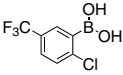
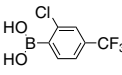

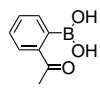
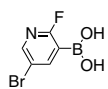

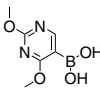
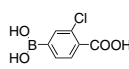
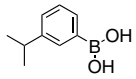
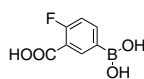

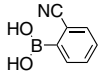
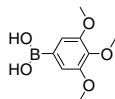

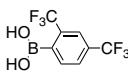
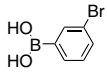

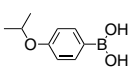
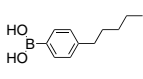

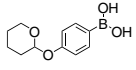
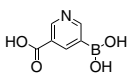
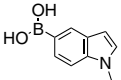
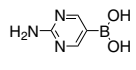
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1178</b>   196207-58-6</p>  <p>Formula : C<sub>41</sub>H<sub>64</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 642.57 g/mole Grade : &gt;97%</p>	<p><b>B1179</b>   357219-41-1</p>  <p>Formula : C<sub>41</sub>H<sub>64</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 642.57 g/mole Grade : &gt;95%</p>	<p><b>B1183</b>   958261-51-3</p>  <p>Formula : C<sub>41</sub>H<sub>65</sub>B<sub>2</sub>NO<sub>4</sub> M.W. : 657.58 g/mole Grade : &gt;97%</p>	<p><b>B1185</b>   1240488-30-5</p>  <p>Formula : C<sub>41</sub>H<sub>65</sub>B<sub>2</sub>NO<sub>4</sub> M.W. : 657.6 g/mole Grade : &gt;95%</p>
<p><b>B1186</b>   542504-04-3</p>  <p>Formula : C<sub>20</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 302.2 g/mole Grade : &gt;97%</p>	<p><b>B1188</b>   105365-50-2</p>  <p>Formula : C<sub>12</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 206.09 g/mole Grade : &gt;97%</p>	<p><b>B1189</b>   1692-25-7</p>  <p>Formula : C<sub>5</sub>H<sub>6</sub>BNO<sub>2</sub> M.W. : 122.92 g/mole Grade : &gt;98%</p>	<p><b>B1190</b>   134150-01-9</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 164.01 g/mole Grade : &gt;97%</p>
<p><b>B1193</b>  </p>  <p>Formula : C<sub>42</sub>H<sub>58</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 676.5 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>B1194</b>   882066-06-0</p>  <p>Formula : C<sub>46</sub>H<sub>66</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 732.7 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>B1195</b>   1507388-01-3</p>  <p>Formula : C<sub>46</sub>H<sub>66</sub>B<sub>2</sub>N<sub>2</sub>O<sub>4</sub> M.W. : 732.65 g/mole Grade : &gt;95% (HPLC)</p>	<p><b>B1196</b>   175361-81-6</p>  <p>Formula : C<sub>16</sub>H<sub>26</sub>B<sub>2</sub>O<sub>4</sub>S M.W. : 336.06 g/mole Grade : &gt;97%</p>
<p><b>B1197</b>   128312-11-8</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BO<sub>2</sub>S M.W. : 168.02 g/mole Grade : &gt;97%</p>	<p><b>B1198</b>   55552-70-0</p>  <p>Formula : C<sub>4</sub>H<sub>6</sub>BO<sub>3</sub> M.W. : 111.89 g/mole Grade : &gt;98%</p>	<p><b>B1199</b>   372963-49-0</p>  <p>Formula : C<sub>6</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 136.95 g/mole Grade : &gt;97%</p>	<p><b>B1200</b>   870777-29-0</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BF<sub>3</sub>O<sub>3</sub> M.W. : 182.96 g/mole Grade : &gt;95%</p>
<p><b>B1201</b>   89466-07-9</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BN<sub>2</sub>O<sub>4</sub> M.W. : 181.94 g/mole Grade : &gt;95%</p>	<p><b>B1202</b>   452972-09-7</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BBrNO<sub>2</sub> M.W. : 201.81 g/mole Grade : &gt;98%</p>	<p><b>B1203</b>   762287-57-0</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BClO<sub>3</sub> M.W. : 186.4 g/mole Grade : &gt;98%</p>	<p><b>B1204</b>   148493-34-9</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>BCl<sub>2</sub>NO<sub>2</sub> M.W. : 191.81 g/mole Grade : &gt;98%</p>
<p><b>B1205</b>   313545-72-1</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClFO<sub>2</sub> M.W. : 174.37 g/mole Grade : &gt;98%</p>	<p><b>B1206</b>   223463-14-7</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BBrNO<sub>2</sub> M.W. : 201.81 g/mole Grade : &gt;97%</p>	<p><b>B1207</b>   452972-08-6</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BBrNO<sub>2</sub> M.W. : 201.81 g/mole Grade : &gt;98%</p>	<p><b>B1208</b>   381248-04-0</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BClNO<sub>2</sub> M.W. : 157.36 g/mole Grade : &gt;97%</p>

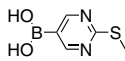
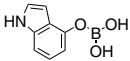
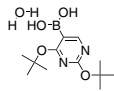
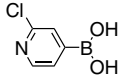

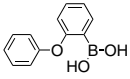
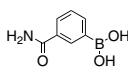
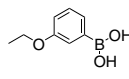
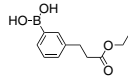
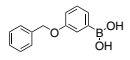
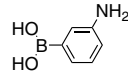
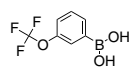
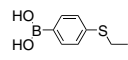
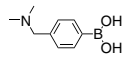
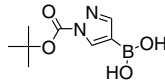
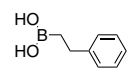

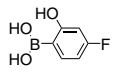
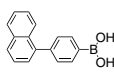
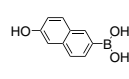
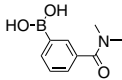
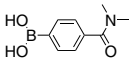
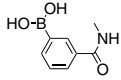
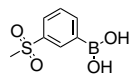
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1209</b>   182344-18-9</p>  <p>Formula : <math>C_7H_5BClF_3O_2</math> M.W. : 224.37 g/mole Grade : &gt;98%</p>	<p><b>B1210</b>   254993-59-4</p>  <p>Formula : <math>C_7H_5BClF_3O_2</math> M.W. : 224.37 g/mole Grade : &gt;97%</p>	<p><b>B1211</b>   163105-90-6</p>  <p>Formula : <math>C_6H_8BNO_3</math> M.W. : 152.94 g/mole Grade : &gt;98%</p>	<p><b>B1212</b>   308103-40-4</p>  <p>Formula : <math>C_8H_9BO_3</math> M.W. : 163.97 g/mole Grade : &gt;97%</p>
<p><b>B1213</b>   501435-91-2</p>  <p>Formula : <math>C_5H_4BBrFO_2</math> M.W. : 219.8 g/mole Grade : &gt;98%</p>	<p><b>B1214</b>   854373-97-0</p>  <p>Formula : <math>C_7H_{10}BNO_3</math> M.W. : 166.97 g/mole Grade : &gt;98%</p>	<p><b>B1215</b>   89641-18-9</p>  <p>Formula : <math>C_8H_9BN_2O_4</math> M.W. : 183.96 g/mole Grade : &gt;98%</p>	<p><b>B1216</b>   136496-72-5</p>  <p>Formula : <math>C_7H_6BClO_4</math> M.W. : 200.38 g/mole Grade : &gt;98%</p>
<p><b>B1217</b>   216019-28-2</p>  <p>Formula : <math>C_9H_{13}BO_2</math> M.W. : 164.01 g/mole Grade : &gt;97%</p>	<p><b>B1218</b>   120153-08-4</p>  <p>Formula : <math>C_7H_6BFO_4</math> M.W. : 183.93 g/mole Grade : &gt;98%</p>	<p><b>B1219</b>   149105-19-1</p>  <p>Formula : <math>C_7H_7BO_4</math> M.W. : 165.94 g/mole Grade : &gt;97%</p>	<p><b>B1220</b>   138642-62-3</p>  <p>Formula : <math>C_7H_6BNO_2</math> M.W. : 146.94 g/mole Grade : &gt;98%</p>
<p><b>B1221</b>   182163-96-8</p>  <p>Formula : <math>C_9H_{13}BO_5</math> M.W. : 212.01 g/mole Grade : &gt;98%</p>	<p><b>B1222</b>   1423-27-4</p>  <p>Formula : <math>C_7H_6BF_3O_2</math> M.W. : 189.93 g/mole Grade : &gt;97%</p>	<p><b>B1223</b>   153254-09-2</p>  <p>Formula : <math>C_8H_8BF_3O_2</math> M.W. : 257.93 g/mole Grade : &gt;98%</p>	<p><b>B1224</b>   89598-96-9</p>  <p>Formula : <math>C_6H_5BBrO_2</math> M.W. : 200.83 g/mole Grade : &gt;98%</p>
<p><b>B1225</b>   91983-14-1</p>  <p>Formula : <math>C_7H_8BBrO_2</math> M.W. : 214.85 g/mole Grade : &gt;95%</p>	<p><b>B1226</b>   153624-46-5</p>  <p>Formula : <math>C_9H_{13}BO_3</math> M.W. : 180.01 g/mole Grade : &gt;97%</p>	<p><b>B1227</b>   121219-12-3</p>  <p>Formula : <math>C_{11}H_{17}BO_2</math> M.W. : 192.06 g/mole Grade : &gt;97%</p>	<p><b>B1228</b>   355386-94-6</p>  <p>Formula : <math>C_9H_8BNO_2</math> M.W. : 172.98 g/mole Grade : &gt;98%</p>
<p><b>B1229</b>   182281-01-2</p>  <p>Formula : <math>C_{11}H_{15}BO_4</math> M.W. : 222.05 g/mole Grade : &gt;97%</p>	<p><b>B1230</b>   913836-03-0</p>  <p>Formula : <math>C_8H_8BNO_4</math> M.W. : 166.93 g/mole Grade : &gt;98%</p>	<p><b>B1231</b>   192182-55-1</p>  <p>Formula : <math>C_9H_{10}BNO_2</math> M.W. : 174.99 g/mole Grade : &gt;98%</p>	<p><b>B1232</b>   936250-22-5</p>  <p>Formula : <math>C_4H_6BN_2O_2</math> M.W. : 138.92 g/mole Grade : &gt;98%</p>

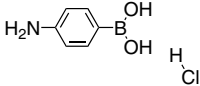
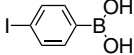
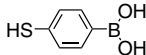
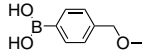
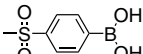
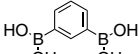
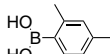

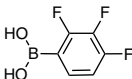
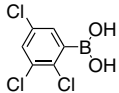
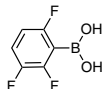
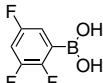
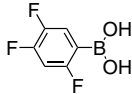
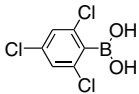
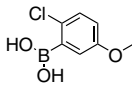
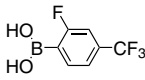
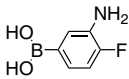
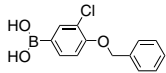
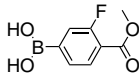
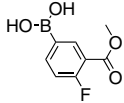
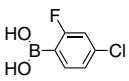
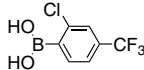
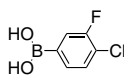
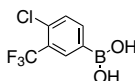
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1233</b>   348098-29-3</p>  <p>Formula : C<sub>5</sub>H<sub>7</sub>BN<sub>2</sub>O<sub>2</sub>S M.W. : 170.0 g/mole Grade : &gt;98%</p>	<p><b>B1234</b>   220465-43-0</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BNO<sub>3</sub> M.W. : 177.0 g/mole Grade : &gt;97%</p>	<p><b>B1235</b>   109299-79-8</p>  <p>Formula : C<sub>12</sub>H<sub>23</sub>BN<sub>2</sub>O<sub>5</sub> M.W. : 286.1 g/mole Grade : &gt;98%</p>	<p><b>B1236</b>   458532-96-2</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BClNO<sub>2</sub> M.W. : 157.4 g/mole Grade : &gt;98%</p>
<p><b>B1238</b>   213211-69-9</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 166.0 g/mole Grade : &gt;97%</p>	<p><b>B1239</b>   108238-09-1</p>  <p>Formula : C<sub>12</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 214.0 g/mole Grade : &gt;97%</p>	<p><b>B1240</b>   351422-73-6</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BNO<sub>3</sub> M.W. : 165.0 g/mole Grade : &gt;98%</p>	<p><b>B1241</b>   90555-66-1</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 166.0 g/mole Grade : &gt;98%</p>
<p><b>B1242</b>   913835-82-2</p>  <p>Formula : C<sub>11</sub>H<sub>15</sub>BO<sub>4</sub> M.W. : 222.0 g/mole Grade : &gt;97%</p>	<p><b>B1243</b>   156682-54-1</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>BO<sub>3</sub> M.W. : 228.1 g/mole Grade : &gt;96%</p>	<p><b>B1244</b>   30418-59-8</p>  <p>Formula : C<sub>6</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 136.9 g/mole Grade : &gt;98%</p>	<p><b>B1245</b>   179113-90-7</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>BF<sub>3</sub>O<sub>3</sub> M.W. : 205.9 g/mole Grade : &gt;97%</p>
<p><b>B1246</b>   145349-76-4</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub>S M.W. : 182.0 g/mole Grade : &gt;98%</p>	<p><b>B1247</b>   70799-12-1</p>  <p>Formula : C<sub>9</sub>H<sub>14</sub>BNO<sub>2</sub> M.W. : 179.0 g/mole Grade : &gt;97%</p>	<p><b>B1248</b>   947533-31-5</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BN<sub>2</sub>O<sub>4</sub> M.W. : 212.0 g/mole Grade : &gt;95%</p>	<p><b>B1249</b>   34420-17-2</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 150.0 g/mole Grade : &gt;98%</p>
<p><b>B1250</b>   89694-48-4</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BClO<sub>3</sub> M.W. : 186.4 g/mole Grade : &gt;96%</p>	<p><b>B1251</b>   259209-20-6</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>BFO<sub>3</sub> M.W. : 155.92 g/mole Grade : &gt;95%</p>	<p><b>B1252</b>   870774-25-7</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 248.1 g/mole Grade : &gt;97%</p>	<p><b>B1253</b>   173194-95-1</p>  <p>Formula : C<sub>10</sub>H<sub>9</sub>BO<sub>3</sub> M.W. : 188.0 g/mole Grade : &gt;97%</p>
<p><b>B1254</b>   373384-14-6</p>  <p>Formula : C<sub>9</sub>H<sub>12</sub>BNO<sub>3</sub> M.W. : 193.0 g/mole Grade : &gt;98%</p>	<p><b>B1255</b>   405520-68-5</p>  <p>Formula : C<sub>9</sub>H<sub>12</sub>BNO<sub>3</sub> M.W. : 193.0 g/mole Grade : &gt;98%</p>	<p><b>B1256</b>   832695-88-2</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BNO<sub>3</sub> M.W. : 179.0 g/mole Grade : &gt;98%</p>	<p><b>B1257</b>   373384-18-0</p>  <p>Formula : C<sub>7</sub>H<sub>9</sub>BO<sub>4</sub>S M.W. : 200.0 g/mole Grade : &gt;98%</p>

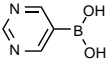
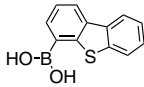
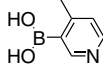
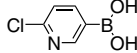
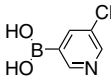



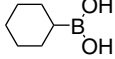
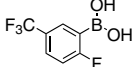
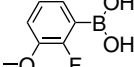
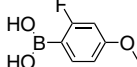

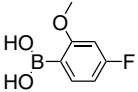
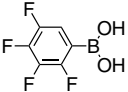
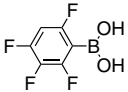
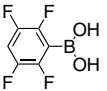
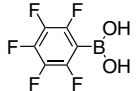
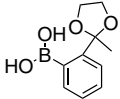
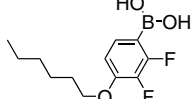
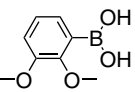
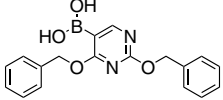
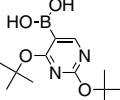
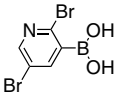
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1258</b>   80460-73-7</p>  <p>Formula : C<sub>6</sub>H<sub>9</sub>BClNO<sub>2</sub> M.W. : 173.4 g/mole Grade : &gt;98%</p>	<p><b>B1259</b>   5122-99-6</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>BIO<sub>2</sub> M.W. : 247.8 g/mole Grade : &gt;98%</p>	<p><b>B1260</b>   237429-33-3</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>2</sub>S M.W. : 154.0 g/mole Grade : &gt;97%</p>	<p><b>B1261</b>   279262-11-2</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 166.0 g/mole Grade : &gt;98%</p>
<p><b>B1262</b>   149104-88-1</p>  <p>Formula : C<sub>7</sub>H<sub>9</sub>BO<sub>2</sub>S M.W. : 200.0 g/mole Grade : &gt;97%</p>	<p><b>B1263</b>   4612-28-6</p>  <p>Formula : C<sub>6</sub>H<sub>8</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 165.7 g/mole Grade : &gt;97%</p>	<p><b>B1264</b>   55499-44-0</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 150.0 g/mole Grade : &gt;97%</p>	<p><b>B1265</b>   23112-96-1</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 182.0 g/mole Grade : &gt;97%</p>
<p><b>B1266</b>   226396-32-3</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;98%</p>	<p><b>B1267</b>   212779-19-6</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BCl<sub>3</sub>O<sub>2</sub> M.W. : 225.3 g/mole Grade : &gt;97%</p>	<p><b>B1268</b>   247564-71-2</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;98%</p>	<p><b>B1269</b>   247564-73-4</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;97%</p>
<p><b>B1270</b>   247564-72-3</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 175.9 g/mole Grade : &gt;97%</p>	<p><b>B1271</b>   73852-18-3</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BCl<sub>3</sub>O<sub>2</sub> M.W. : 225.3 g/mole Grade : &gt;97%</p>	<p><b>B1272</b>   89694-46-2</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BClO<sub>3</sub> M.W. : 186.4 g/mole Grade : &gt;97%</p>	<p><b>B1273</b>   503309-11-3</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BF<sub>4</sub>O<sub>2</sub> M.W. : 207.9 g/mole Grade : &gt;98%</p>
<p><b>B1274</b>   873566-75-7</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BFNO<sub>2</sub> M.W. : 154.9 g/mole Grade : &gt;97%</p>	<p><b>B1275</b>   845551-44-2</p>  <p>Formula : C<sub>13</sub>H<sub>12</sub>BClO<sub>3</sub> M.W. : 262.5 g/mole Grade : &gt;98%</p>	<p><b>B1276</b>   505083-04-5</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BFO<sub>4</sub> M.W. : 198.0 g/mole Grade : &gt;96%</p>	<p><b>B1277</b>   874219-35-9</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BFO<sub>4</sub> M.W. : 198.0 g/mole Grade : &gt;96%</p>
<p><b>B1278</b>   160591-91-3</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClFO<sub>2</sub> M.W. : 174.4 g/mole Grade : &gt;98%</p>	<p><b>B1279</b>   313545-41-4</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BClF<sub>3</sub>O<sub>2</sub> M.W. : 224.4 g/mole Grade : &gt;98%</p>	<p><b>B1280</b>   137504-86-0</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClFO<sub>2</sub> M.W. : 174.4 g/mole Grade : &gt;98%</p>	<p><b>B1281</b>   176976-42-4</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BClF<sub>3</sub>O<sub>2</sub> M.W. : 224.4 g/mole Grade : &gt;98%</p>

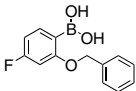
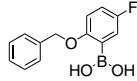
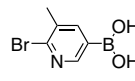
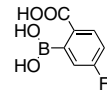
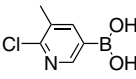
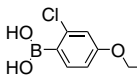
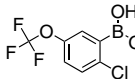
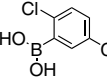
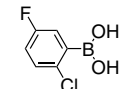
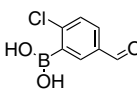
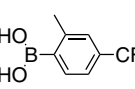
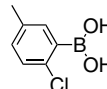
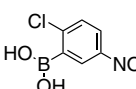
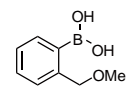
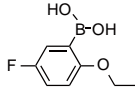
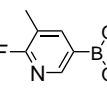
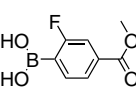
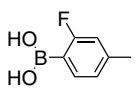
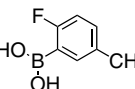
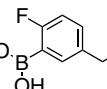
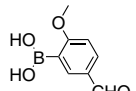
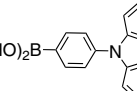
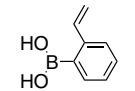
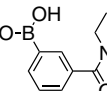
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1282</b>   109299-78-7</p>  <p>Formula : C<sub>4</sub>H<sub>5</sub>BN<sub>2</sub>O<sub>2</sub> M.W. : 123.9 g/mole Grade : &gt;98%</p>	<p><b>B1283</b>   108847-20-7</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>BO<sub>2</sub>S M.W. : 228.1 g/mole Grade : &gt;97%</p>	<p><b>B1284</b>   148546-82-1</p>  <p>Formula : C<sub>6</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 136.9 g/mole Grade : &gt;98%</p>	<p><b>B1285</b>   444120-91-6</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BClNO<sub>2</sub> M.W. : 157.4 g/mole Grade : &gt;98%</p>
<p><b>B1286</b>   872041-85-5</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BClNO<sub>2</sub> M.W. : 157.4 g/mole Grade : &gt;97%</p>	<p><b>B1287</b>   4433-63-0</p>  <p>Formula : C<sub>2</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 73.9 g/mole Grade : &gt;97%</p>	<p><b>B1288</b>   411235-57-9</p>  <p>Formula : C<sub>3</sub>H<sub>7</sub>BO<sub>2</sub> M.W. : 85.9 g/mole Grade : &gt;98%</p>	<p><b>B1289</b>   80041-89-0</p>  <p>Formula : C<sub>3</sub>H<sub>9</sub>BO<sub>2</sub> M.W. : 87.9 g/mole Grade : &gt;98%</p>
<p><b>B1290</b>   4441-56-9</p>  <p>Formula : C<sub>6</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 128.0 g/mole Grade : &gt;99%</p>	<p><b>B1291</b>   352535-96-7</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 207.9 g/mole Grade : &gt;98%</p>	<p><b>B1292</b>   352303-67-4</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;98%</p>	<p><b>B1293</b>   162101-31-7</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;98%</p>
<p><b>B1294</b>   78495-63-3</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;98%</p>	<p><b>B1295</b>   179899-07-1</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;98%</p>	<p><b>B1296</b>   179923-32-1</p>  <p>Formula : C<sub>8</sub>H<sub>5</sub>BF<sub>4</sub>O<sub>2</sub> M.W. : 193.9 g/mole Grade : &gt;95%</p>	<p><b>B1297</b>   511295-00-4</p>  <p>Formula : C<sub>8</sub>H<sub>5</sub>BF<sub>4</sub>O<sub>2</sub> M.W. : 193.9 g/mole Grade : &gt;95%</p>
<p><b>B1298</b>   511295-01-5</p>  <p>Formula : C<sub>8</sub>H<sub>5</sub>BF<sub>4</sub>O<sub>2</sub> M.W. : 193.9 g/mole Grade : &gt;96%</p>	<p><b>B1299</b>   1582-24-7</p>  <p>Formula : C<sub>8</sub>H<sub>5</sub>BF<sub>4</sub>O<sub>2</sub> M.W. : 211.9 g/mole Grade : &gt;95%</p>	<p><b>B1300</b>   243140-14-9</p>  <p>Formula : C<sub>10</sub>H<sub>13</sub>BO<sub>4</sub> M.W. : 208.0 g/mole Grade : &gt;98%</p>	<p><b>B1301</b>   121219-20-3</p>  <p>Formula : C<sub>12</sub>H<sub>17</sub>BF<sub>2</sub>O<sub>3</sub> M.W. : 258.1 g/mole Grade : &gt;98%</p>
<p><b>B1302</b>   40972-86-9</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>4</sub> M.W. : 182.0 g/mole Grade : &gt;98%</p>	<p><b>B1303</b>   70523-24-9</p>  <p>Formula : C<sub>18</sub>H<sub>17</sub>BN<sub>2</sub>O<sub>4</sub> M.W. : 336.1 g/mole Grade : &gt;95%</p>	<p><b>B1304</b>   306935-93-3</p>  <p>Formula : C<sub>12</sub>H<sub>21</sub>BN<sub>2</sub>O<sub>4</sub> M.W. : 268.1 g/mole Grade : &gt;97%</p>	<p><b>B1305</b>   852228-14-9</p>  <p>Formula : C<sub>5</sub>H<sub>4</sub>BBr<sub>2</sub>NO<sub>2</sub> M.W. : 280.7 g/mole Grade : &gt;97%</p>

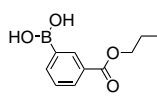
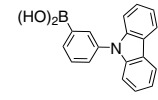
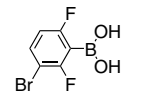
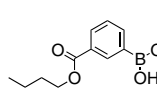
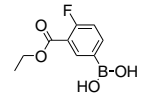
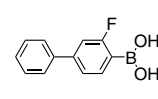
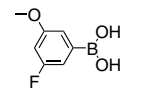
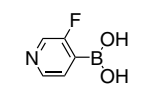
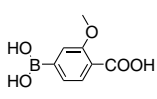
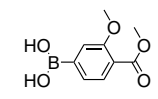
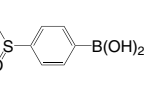
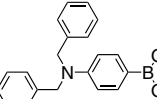
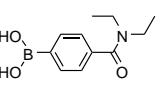
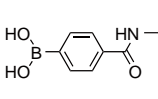
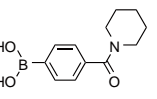
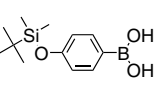
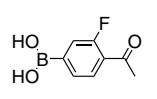
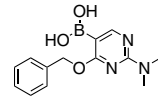
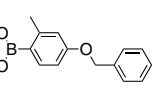
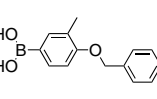
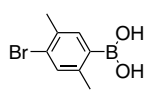
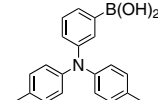
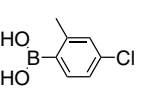
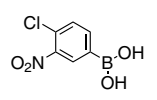
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1306</b>   848779-87-3</p>  <p>Formula : C<sub>13</sub>H<sub>12</sub>BFO<sub>3</sub> M.W. : 246.0 g/mole Grade : &gt;95%</p>	<p><b>B1307</b>   779331-47-4</p>  <p>Formula : C<sub>13</sub>H<sub>12</sub>BFO<sub>3</sub> M.W. : 246.0 g/mole Grade : &gt;98%</p>	<p><b>B1308</b>   1003043-34-2</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BBrNO<sub>2</sub> M.W. : 215.8 g/mole Grade : &gt;98%</p>	<p><b>B1309</b>   874290-62-7</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>BFO<sub>4</sub> M.W. : 183.9 g/mole Grade : &gt;96%</p>
<p><b>B1310</b>   1003043-40-0</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BClNO<sub>2</sub> M.W. : 171.4 g/mole Grade : &gt;98%</p>	<p><b>B1311</b>   313545-44-7</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BClO<sub>3</sub> M.W. : 200.4 g/mole Grade : &gt;97%</p>	<p><b>B1312</b>   1022922-16-2</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BClF<sub>3</sub>O<sub>3</sub> M.W. : 240.4 g/mole Grade : &gt;98%</p>	<p><b>B1313</b>   936249-33-1</p>  <p>Formula : C<sub>7</sub>H<sub>5</sub>BClNO<sub>2</sub> M.W. : 181.4 g/mole Grade : &gt;97%</p>
<p><b>B1314</b>   444666-39-1</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClFO<sub>2</sub> M.W. : 174.4 g/mole Grade : &gt;98%</p>	<p><b>B1315</b>   1150114-78-5</p>  <p>Formula : C<sub>7</sub>H<sub>6</sub>BClO<sub>3</sub> M.W. : 184.4 g/mole Grade : &gt;97%</p>	<p><b>B1316</b>   957034-45-6</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BF<sub>3</sub>O<sub>2</sub> M.W. : 204.0 g/mole Grade : &gt;97%</p>	<p><b>B1317</b>   193353-35-4</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BClO<sub>2</sub> M.W. : 170.4 g/mole Grade : &gt;97%</p>
<p><b>B1318</b>   867333-29-7</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClNO<sub>4</sub> M.W. : 201.4 g/mole Grade : &gt;97%</p>	<p><b>B1319</b>   126617-98-9</p>  <p>Formula : C<sub>8</sub>H<sub>11</sub>BO<sub>3</sub> M.W. : 166.0 g/mole Grade : &gt;97%</p>	<p><b>B1320</b>   279263-10-4</p>  <p>Formula : C<sub>9</sub>H<sub>10</sub>BFO<sub>3</sub> M.W. : 184.0 g/mole Grade : &gt;98%</p>	<p><b>B1321</b>   904326-92-7</p>  <p>Formula : C<sub>8</sub>H<sub>7</sub>BFNO<sub>2</sub> M.W. : 154.9 g/mole Grade : &gt;98%</p>
<p><b>B1322</b>   603122-84-5</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BFO<sub>4</sub> M.W. : 198.0 g/mole Grade : &gt;98%</p>	<p><b>B1323</b>   170981-26-7</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>2</sub> M.W. : 153.9 g/mole Grade : &gt;98%</p>	<p><b>B1324</b>   352534-79-3</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 167.9 g/mole Grade : &gt;98%</p>	<p><b>B1325</b>   1072952-25-0</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;96%</p>
<p><b>B1326</b>   127972-02-5</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>4</sub> M.W. : 180.0 g/mole Grade : &gt;98%</p>	<p><b>B1327</b>   419536-33-7</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>BNO<sub>2</sub> M.W. : 287.1 g/mole Grade : &gt;98%</p>	<p><b>B1328</b>   15016-42-9</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>2</sub> M.W. : 148.0 g/mole Grade : &gt;97%</p>	<p><b>B1329</b>   850568-34-2</p>  <p>Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>3</sub> M.W. : 233.1 g/mole Grade : &gt;97%</p>

# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1330</b>   850568-78-4</p>  <p>Formula : C<sub>10</sub>H<sub>13</sub>BO<sub>4</sub> M.W. : 208.0 g/mole Grade : &gt;97%</p>	<p><b>B1331</b>   864377-33-3</p>  <p>Formula : C<sub>18</sub>H<sub>14</sub>BNO<sub>2</sub> M.W. : 287.1 g/mole Grade : &gt;98%</p>	<p><b>B1332</b>   352535-84-3</p>  <p>Formula : C<sub>6</sub>H<sub>4</sub>BBrF<sub>2</sub>O<sub>2</sub> M.W. : 236.8 g/mole Grade : &gt;97%</p>	<p><b>B1333</b>   827300-04-9</p>  <p>Formula : C<sub>11</sub>H<sub>15</sub>BO<sub>4</sub> M.W. : 222.0 g/mole Grade : &gt;97%</p>
<p><b>B1335</b>   874219-36-0</p>  <p>Formula : C<sub>9</sub>H<sub>10</sub>BFO<sub>4</sub> M.W. : 212.0 g/mole Grade : &gt;97%</p>	<p><b>B1336</b>   409108-13-0</p>  <p>Formula : C<sub>12</sub>H<sub>10</sub>BFO<sub>2</sub> M.W. : 216.0 g/mole Grade : &gt;97%</p>	<p><b>B1337</b>   609807-25-2</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 169.9 g/mole Grade : &gt;98%</p>	<p><b>B1338</b>   458532-97-3</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BFNO<sub>2</sub> M.W. : 140.9 g/mole Grade : &gt;97%</p>
<p><b>B1339</b>   851335-12-1</p>  <p>Formula : C<sub>8</sub>H<sub>9</sub>BO<sub>5</sub> M.W. : 196.0 g/mole Grade : &gt;97%</p>	<p><b>B1340</b>   603122-41-4</p>  <p>Formula : C<sub>9</sub>H<sub>11</sub>BO<sub>5</sub> M.W. : 210.0 g/mole Grade : &gt;98%</p>	<p><b>B1341</b>   166386-48-7</p>  <p>Formula : C<sub>7</sub>H<sub>9</sub>BO<sub>3</sub>S M.W. : 184.0 g/mole Grade : &gt;97%</p>	<p><b>B1342</b>   159191-44-3</p>  <p>Formula : C<sub>20</sub>H<sub>20</sub>BNO<sub>2</sub> M.W. : 317.2 g/mole Grade : &gt;97%</p>
<p><b>B1343</b>   389621-80-1</p>  <p>Formula : C<sub>11</sub>H<sub>16</sub>BNO<sub>3</sub> M.W. : 221.1 g/mole Grade : &gt;97%</p>	<p><b>B1344</b>   850568-12-6</p>  <p>Formula : C<sub>9</sub>H<sub>12</sub>BNO<sub>3</sub> M.W. : 193.0 g/mole Grade : &gt;97%</p>	<p><b>B1345</b>   389621-83-4</p>  <p>Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>3</sub> M.W. : 233.1 g/mole Grade : &gt;97%</p>	<p><b>B1346</b>   159191-56-7</p>  <p>Formula : C<sub>12</sub>H<sub>21</sub>BO<sub>3</sub>Si M.W. : 252.2 g/mole Grade : &gt;97%</p>
<p><b>B1347</b>   481725-35-3</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BFO<sub>3</sub> M.W. : 182.0 g/mole Grade : &gt;97%</p>	<p><b>B1348</b>   205672-21-5</p>  <p>Formula : C<sub>13</sub>H<sub>16</sub>BN<sub>2</sub>O<sub>3</sub> M.W. : 273.1 g/mole Grade : &gt;97%</p>	<p><b>B1349</b>   847560-49-0</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>BO<sub>3</sub> M.W. : 242.1 g/mole Grade : &gt;97%</p>	<p><b>B1351</b>   338454-30-1</p>  <p>Formula : C<sub>14</sub>H<sub>15</sub>BO<sub>3</sub> M.W. : 242.1 g/mole Grade : &gt;97%</p>
<p><b>B1352</b>   130870-00-7</p>  <p>Formula : C<sub>8</sub>H<sub>10</sub>BBro<sub>2</sub> M.W. : 228.9 g/mole Grade : &gt;97%</p>	<p><b>B1353</b>   1162753-18-5</p>  <p>Formula : C<sub>20</sub>H<sub>20</sub>BNO<sub>2</sub> M.W. : 317.2 g/mole Grade : &gt;97%</p>	<p><b>B1354</b>   209919-30-2</p>  <p>Formula : C<sub>7</sub>H<sub>8</sub>BClO<sub>2</sub> M.W. : 170.4 g/mole Grade : &gt;98%</p>	<p><b>B1355</b>   151169-67-4</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BClNO<sub>4</sub> M.W. : 201.4 g/mole Grade : &gt;97%</p>

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

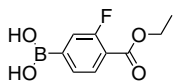
Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

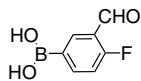
## Boronic Acids / Boronic Esters

**B1356** | 874288-38-7



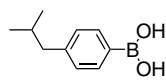
Formula :  $C_9H_{10}BFO_4$   
M.W. : 212.0 g/mole  
Grade : >97%

**B1357** | 374538-01-9



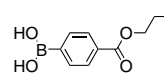
Formula :  $C_7H_6BFO_3$   
M.W. : 167.9 g/mole  
Grade : >98%

**B1358** | 153624-38-5



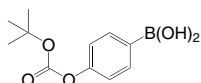
Formula :  $C_{10}H_{15}BO_2$   
M.W. : 178.0 g/mole  
Grade : >98%

**B1359** | 91062-38-3



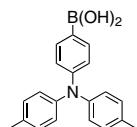
Formula :  $C_{10}H_{13}BO_4$   
M.W. : 208.0 g/mole  
Grade : >97%

**B1360** | 380430-70-6



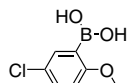
Formula :  $C_{11}H_{15}BO_5$   
M.W. : 238.0 g/mole  
Grade : >98%

**B1361** | 654067-65-9



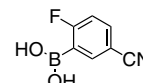
Formula :  $C_{20}H_{26}BNO_2$   
M.W. : 317.2 g/mole  
Grade : >97% (HPLC)

**B1362** | 352534-86-2



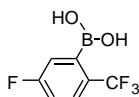
Formula :  $C_8H_{10}BClO_3$   
M.W. : 200.4 g/mole  
Grade : >96%

**B1363** | 468718-30-1



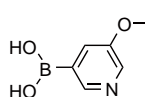
Formula :  $C_7H_5BFNO_2$   
M.W. : 164.9 g/mole  
Grade : >98%

**B1364** | 928053-97-8



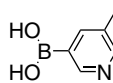
Formula :  $C_7H_5BF_4O_2$   
M.W. : 207.9 g/mole  
Grade : >97%

**B1365** | 850991-69-4



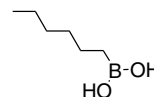
Formula :  $C_6H_8BNO_3$   
M.W. : 152.9 g/mole  
Grade : >96%

**B1366** | 173999-18-3



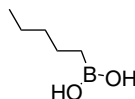
Formula :  $C_6H_8BNO_2$   
M.W. : 136.9 g/mole  
Grade : >96%

**B1367** | 16343-08-1



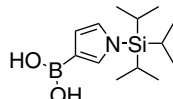
Formula :  $C_6H_{13}BO_2$   
M.W. : 130.0 g/mole  
Grade : >96%

**B1368** | 4737-50-2



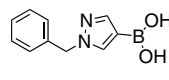
Formula :  $C_5H_{13}BO_2$   
M.W. : 116.0 g/mole  
Grade : >97%

**B1369** | 138900-55-7



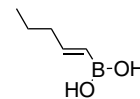
Formula :  $C_{13}H_{26}BNO_2Si$   
M.W. : 267.2 g/mole  
Grade : >98%

**B1370** | 852362-22-2



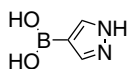
Formula :  $C_{10}H_{11}BN_2O_2$   
M.W. : 202.0 g/mole  
Grade : >98%

**B1371** | 104376-24-1



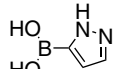
Formula :  $C_5H_{11}BO_2$   
M.W. : 114.0 g/mole  
Grade : >98%

**B1372** | 763120-58-7



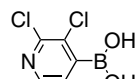
Formula :  $C_5H_5BN_2O_2$   
M.W. : 111.9 g/mole  
Grade : >98%

**B1373** | 376584-63-3



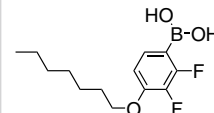
Formula :  $C_5H_5BN_2O_2$   
M.W. : 111.9 g/mole  
Grade : >97%

**B1374** | 951677-39-7



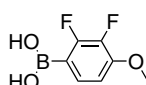
Formula :  $C_5H_4BCl_2NO_2$   
M.W. : 191.8 g/mole  
Grade : >97%

**B1375** | 147222-88-6



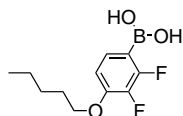
Formula :  $C_{13}H_{19}BF_2O_3$   
M.W. : 272.1 g/mole  
Grade : >96%

**B1376** | 170981-41-6



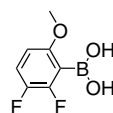
Formula :  $C_7H_7BF_2O_3$   
M.W. : 187.9 g/mole  
Grade : >98%

**B1377** | 156684-91-2



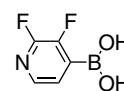
Formula :  $C_{11}H_{15}BF_2O_3$   
M.W. : 244.0 g/mole  
Grade : >98%

**B1378** | 957061-21-1



Formula :  $C_7H_7BF_2O_3$   
M.W. : 187.9 g/mole  
Grade : >98%

**B1379** | 1263374-42-0



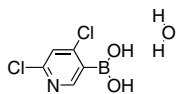
Formula :  $C_5H_4BF_2NO_2$   
M.W. : 158.9 g/mole  
Grade : >97%



# Synthetic Intermediates and Reagents

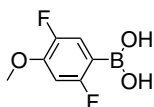
## Boronic Acids / Boronic Esters

**B1380** | 1072952-26-1



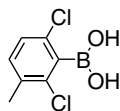
Formula :  $C_5H_6Cl_2NO_3$   
M.W. : 209.8 g/mole  
Grade : >95%

**B1381** | 897958-93-9



Formula :  $C_7H_7BF_2O_3$   
M.W. : 187.9 g/mole  
Grade : >98%

**B1382** | 851756-54-2



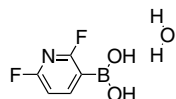
Formula :  $C_7H_7Cl_2O_3$   
M.W. : 204.8 g/mole  
Grade : >98%

**B1383** | 870779-02-5



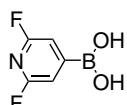
Formula :  $C_7H_7BF_2O_3$   
M.W. : 187.9 g/mole  
Grade : >97%

**B1384** | 1072952-27-2



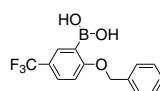
Formula :  $C_5H_6BF_2NO_3$   
M.W. : 176.9 g/mole  
Grade : >96%

**B1385** | 401816-16-8



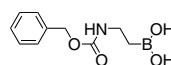
Formula :  $C_5H_4BF_2NO_2$   
M.W. : 158.9 g/mole  
Grade : >97%

**B1386** | 612833-41-7



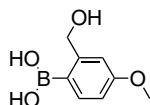
Formula :  $C_{14}H_{12}BF_3O_3$   
M.W. : 296.05 g/mole  
Grade : >98%

**B1387** | 4540-87-8



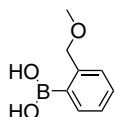
Formula :  $C_{10}H_{14}BNO_4$   
M.W. : 223.03 g/mole  
Grade : >98%

**B1388** | 762263-92-3



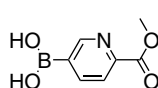
Formula :  $C_8H_{11}BO_4$   
M.W. : 181.98 g/mole  
Grade : >98%

**B1389** | 126617-98-9



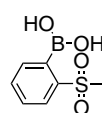
Formula :  $C_8H_{11}BO_3$   
M.W. : 165.98 g/mole  
Grade : >97%

**B1390** | 1072945-86-8



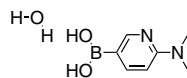
Formula :  $C_7H_8BNO_4$   
M.W. : 180.95 g/mole  
Grade : >98%

**B1391** | 330804-03-0



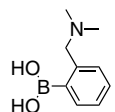
Formula :  $C_7H_9BO_4S$   
M.W. : 200.02 g/mole  
Grade : >98%

**B1392** | 579525-46-5



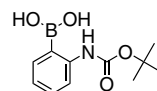
Formula :  $C_7H_{11}BN_2O_3$   
M.W. : 184.0 g/mole  
Grade : >98%

**B1393** | 85107-53-5



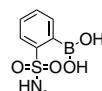
Formula :  $C_9H_{14}BNO_2$   
M.W. : 179.02 g/mole  
Grade : >98%

**B1394** | 115377-94-1



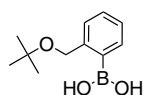
Formula :  $C_{11}H_{16}BNO_4$   
M.W. : 237.06 g/mole  
Grade : >96%

**B1395** | 956283-09-3



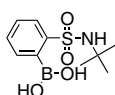
Formula :  $C_7H_{10}BNO_5S$   
M.W. : 215.03 g/mole  
Grade : >95%

**B1396** | 373384-12-4



Formula :  $C_{11}H_{17}BO_3$   
M.W. : 208.06 g/mole  
Grade : >97%

**B1397** | 150691-04-6



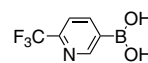
Formula :  $C_{10}H_{16}BNO_2S$   
M.W. : 257.11 g/mole  
Grade : >97%

**B1398** | 947533-39-3



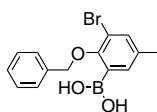
Formula :  $C_6H_5BF_3NO_2$   
M.W. : 190.92 g/mole  
Grade : >98%

**B1399** | 868662-36-6



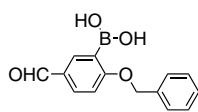
Formula :  $C_6H_5BF_3NO_2$   
M.W. : 190.92 g/mole  
Grade : >97%

**B1400** | 870777-20-1



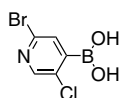
Formula :  $C_{14}H_{14}BBro_3$   
M.W. : 320.97 g/mole  
Grade : >98%

**B1401** | 1310384-22-5



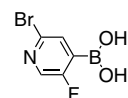
Formula :  $C_{14}H_{13}BO_4$   
M.W. : 256.06 g/mole  
Grade : >97%

**B1402** | 1072952-51-2



Formula :  $C_5H_4BBrcINO_2$   
M.W. : 236.26 g/mole  
Grade : >98%

**B1403** | 1072951-43-9



Formula :  $C_5H_4BBrcFNO_2$   
M.W. : 219.8 g/mole  
Grade : >96%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

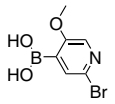
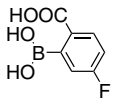
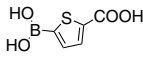
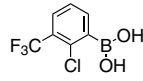
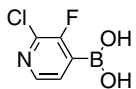
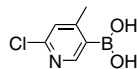
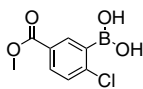
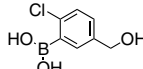
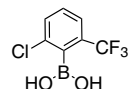
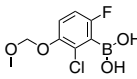
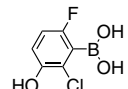
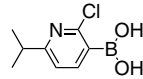
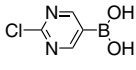
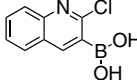
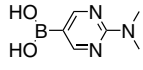
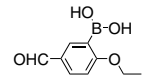
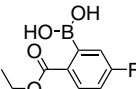
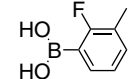
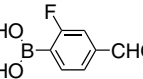
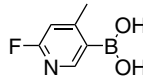
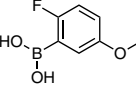
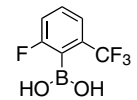
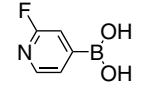
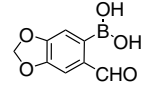
Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

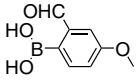
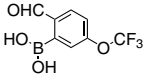
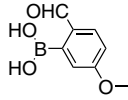
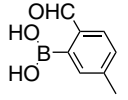
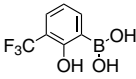
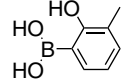
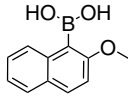
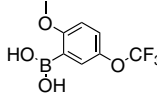
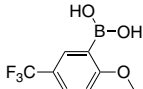
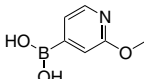
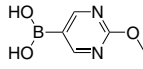
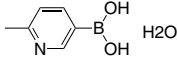
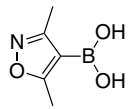
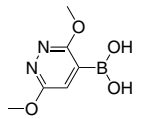
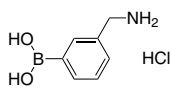
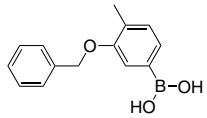
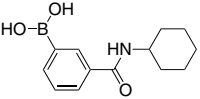
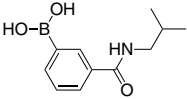
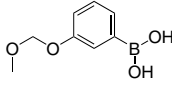
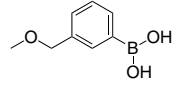
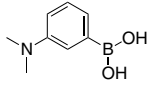
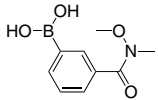
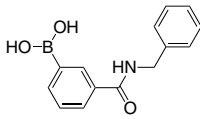
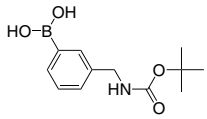
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1404</b>   1072952-48-7</p>  <p>Formula : <math>C_6H_7BrBNO_3</math> M.W. : 231.84 g/mole Grade : &gt;98%</p>	<p><b>B1405</b>   874290-62-7</p>  <p>Formula : <math>C_7H_6BFO_4</math> M.W. : 183.93 g/mole Grade : &gt;98%</p>	<p><b>B1406</b>   465515-31-5</p>  <p>Formula : <math>C_5H_5BO_4S</math> M.W. : 171.97 g/mole Grade : &gt;98%</p>	<p><b>B1407</b>   957061-11-9</p>  <p>Formula : <math>C_7H_5BClF_3O_2</math> M.W. : 224.37 g/mole Grade : &gt;98%</p>
<p><b>B1408</b>   937595-71-6</p>  <p>Formula : <math>C_5H_4BClFNO_2</math> M.W. : 175.35 g/mole Grade : &gt;96%</p>	<p><b>B1409</b>   913836-08-5</p>  <p>Formula : <math>C_6H_7BClNO_2</math> M.W. : 171.39 g/mole Grade : &gt;98%</p>	<p><b>B1410</b>   913835-92-4</p>  <p>Formula : <math>C_8H_8BClO_4</math> M.W. : 214.41 g/mole Grade : &gt;98%</p>	<p><b>B1411</b>   1003042-59-8</p>  <p>Formula : <math>C_7H_8BClO_3</math> M.W. : 186.4 g/mole Grade : &gt;97%</p>
<p><b>B1412</b>   851756-52-0</p>  <p>Formula : <math>C_7H_5BClF_3O_2</math> M.W. : 224.37 g/mole Grade : &gt;98%</p>	<p><b>B1413</b>   1451392-26-9</p>  <p>Formula : <math>C_8H_8BClFO_4</math> M.W. : 234.42 g/mole Grade : &gt;97%</p>	<p><b>B1414</b>   957121-07-2</p>  <p>Formula : <math>C_6H_5BClFO_3</math> M.W. : 190.36 g/mole Grade : &gt;98%</p>	<p><b>B1415</b>   1003043-37-5</p>  <p>Formula : <math>C_8H_{11}BClNO_2</math> M.W. : 199.44 g/mole Grade : &gt;97%</p>
<p><b>B1416</b>   1003845-06-4</p>  <p>Formula : <math>C_4H_4BClN_2O_2</math> M.W. : 158.35 g/mole Grade : &gt;98%</p>	<p><b>B1417</b>   128676-84-6</p>  <p>Formula : <math>C_9H_7BClNO_2</math> M.W. : 207.42 g/mole Grade : &gt;98%</p>	<p><b>B1418</b>   756817-82-0</p>  <p>Formula : <math>C_6H_{10}BN_3O_2</math> M.W. : 166.97 g/mole Grade : &gt;98%</p>	<p><b>B1419</b>   1003042-92-9</p>  <p>Formula : <math>C_9H_{11}BO_4</math> M.W. : 193.99 g/mole Grade : &gt;98%</p>
<p><b>B1420</b>   957062-87-2</p>  <p>Formula : <math>C_9H_{10}BFO_4</math> M.W. : 211.98 g/mole Grade : &gt;98%</p>	<p><b>B1421</b>   762287-58-1</p>  <p>Formula : <math>C_7H_8BFO_2</math> M.W. : 153.95 g/mole Grade : &gt;97%</p>	<p><b>B1422</b>   871126-22-6</p>  <p>Formula : <math>C_7H_8BFO_3</math> M.W. : 167.93 g/mole Grade : &gt;98%</p>	<p><b>B1423</b>   1072944-18-3</p>  <p>Formula : <math>C_6H_7BFNO_2</math> M.W. : 154.93 g/mole Grade : &gt;98%</p>
<p><b>B1424</b>   406482-19-7</p>  <p>Formula : <math>C_7H_8BFO_3</math> M.W. : 169.95 g/mole Grade : &gt;98%</p>	<p><b>B1425</b>   313545-34-5</p>  <p>Formula : <math>C_7H_5BF_4O_2</math> M.W. : 207.92 g/mole Grade : &gt;98%</p>	<p><b>B1426</b>   401815-98-3</p>  <p>Formula : <math>C_5H_5BFNO_2</math> M.W. : 140.91 g/mole Grade : &gt;98%</p>	<p><b>B1427</b>   94838-88-7</p>  <p>Formula : <math>C_8H_7BO_5</math> M.W. : 193.95 g/mole Grade : &gt;96%</p>

# Synthetic Intermediates and Reagents

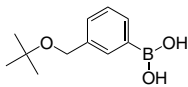
## Boronic Acids / Boronic Esters

<p><b>B1428</b>   139962-95-1</p>  <p>Formula : <math>C_8H_9BO_4</math> M.W. : 179.97 g/mole Grade : &gt;97%</p>	<p><b>B1429</b>   1218790-89-6</p>  <p>Formula : <math>C_8H_6BF_3O_4</math> M.W. : 233.94 g/mole Grade : &gt;98%</p>	<p><b>B1430</b>   40138-18-9</p>  <p>Formula : <math>C_8H_9BO_4</math> M.W. : 179.97 g/mole Grade : &gt;97%</p>	<p><b>B1431</b>   40138-17-8</p>  <p>Formula : <math>C_8H_9BO_3</math> M.W. : 163.97 g/mole Grade : &gt;97%</p>
<p><b>B1432</b>   1072944-17-2</p>  <p>Formula : <math>C_7H_6BF_3O_3</math> M.W. : 205.93 g/mole Grade : &gt;98%</p>	<p><b>B1433</b>   259209-22-8</p>  <p>Formula : <math>C_7H_8BO_3</math> M.W. : 151.96 g/mole Grade : &gt;98%</p>	<p><b>B1434</b>   104116-17-8</p>  <p>Formula : <math>C_{11}H_{11}BO_3</math> M.W. : 202.01 g/mole Grade : &gt;98%</p>	<p><b>B1435</b>   290832-43-8</p>  <p>Formula : <math>C_8H_6BF_3O_4</math> M.W. : 235.95 g/mole Grade : &gt;98%</p>
<p><b>B1436</b>   240139-82-6</p>  <p>Formula : <math>C_8H_6BF_3O_3</math> M.W. : 219.95 g/mole Grade : &gt;98%</p>	<p><b>B1437</b>   762262-09-9</p>  <p>Formula : <math>C_6H_8BNO_3</math> M.W. : 152.94 g/mole Grade : &gt;98%</p>	<p><b>B1438</b>   628692-15-9</p>  <p>Formula : <math>C_5H_7BN_2O_3</math> M.W. : 153.93 g/mole Grade : &gt;98%</p>	<p><b>B1440</b>   1072952-30-7</p>  <p>Formula : <math>C_6H_{10}BNO_3</math> M.W. : 154.96 g/mole Grade : &gt;97%</p>
<p><b>B1441</b>   16114-47-9</p>  <p>Formula : <math>C_5H_8BNO_3</math> M.W. : 140.93 g/mole Grade : &gt;97%</p>	<p><b>B1442</b>   1015480-87-1</p>  <p>Formula : <math>C_6H_8BN_2O_4</math> M.W. : 183.96 g/mole Grade : &gt;98%</p>	<p><b>B1443</b>   352525-94-1</p>  <p>Formula : <math>C_7H_{11}BCINO_2</math> M.W. : 187.43 g/mole Grade : &gt;98%</p>	<p><b>B1444</b>   1256355-31-3</p>  <p>Formula : <math>C_{14}H_{15}BO_3</math> M.W. : 242.08 g/mole Grade : &gt;97%</p>
<p><b>B1445</b>   850567-25-8</p>  <p>Formula : <math>C_{13}H_{18}BNO_3</math> M.W. : 247.1 g/mole Grade : &gt;97%</p>	<p><b>B1447</b>   723282-09-5</p>  <p>Formula : <math>C_{11}H_{16}BNO_3</math> M.W. : 221.06 g/mole Grade : &gt;98%</p>	<p><b>B1448</b>   216443-40-2</p>  <p>Formula : <math>C_8H_{11}BO_4</math> M.W. : 181.98 g/mole Grade : &gt;98%</p>	<p><b>B1449</b>   142273-84-5</p>  <p>Formula : <math>C_8H_{11}BO_3</math> M.W. : 165.98 g/mole Grade : &gt;97%</p>
<p><b>B1450</b>   178752-79-9</p>  <p>Formula : <math>C_8H_{12}BNO_2</math> M.W. : 165.0 g/mole Grade : &gt;98%</p>	<p><b>B1451</b>   723281-57-0</p>  <p>Formula : <math>C_9H_{12}BNO_4</math> M.W. : 209.01 g/mole Grade : &gt;98%</p>	<p><b>B1452</b>   625470-96-4</p>  <p>Formula : <math>C_{14}H_{14}BNO_3</math> M.W. : 255.08 g/mole Grade : &gt;98%</p>	<p><b>B1453</b>   199609-62-6</p>  <p>Formula : <math>C_{12}H_{18}BNO_4</math> M.W. : 251.09 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

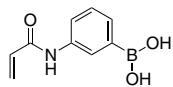
## Boronic Acids / Boronic Esters

**B1454** | 858364-78-0



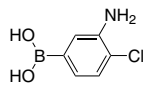
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M.W. : 208.06 g/mole  
Grade : >97%

**B1455** | 99349-68-5



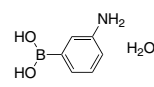
Formula :  $C_9H_{10}BNO_3$   
M.W. : 190.99 g/mole  
Grade : >98%

**B1456** | 850689-36-0



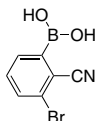
Formula :  $C_6H_7BClNO_2$   
M.W. : 171.39 g/mole  
Grade : >98%

**B1457** | 206658-89-1



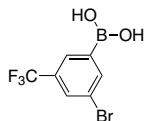
Formula :  $C_6H_{10}BNO_3$   
M.W. : 154.96 g/mole  
Grade : >98%

**B1458** | 1032231-32-5



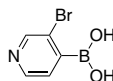
Formula :  $C_7H_5BBrNO_2$   
M.W. : 225.84 g/mole  
Grade : >98%

**B1460** | 913835-64-0



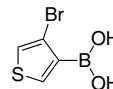
Formula :  $C_7H_5BBrF_3O_2$   
M.W. : 268.82 g/mole  
Grade : >98%

**B1461** | 458532-99-5



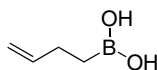
Formula :  $C_5H_5BBrNO_2$   
M.W. : 201.81 g/mole  
Grade : >96%

**B1462** | 101084-76-8



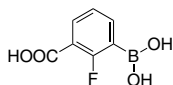
Formula :  $C_4H_4BBrO_2S$   
M.W. : 206.85 g/mole  
Grade : >98%

**B1463** | 379669-72-4



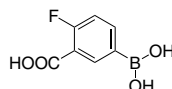
Formula :  $C_4H_9BO_2$   
M.W. : 99.92 g/mole  
Grade : >97%

**B1464** | 1072952-09-0



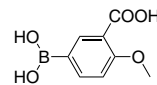
Formula :  $C_7H_6BFO_4$   
M.W. : 183.93 g/mole  
Grade : >98%

**B1465** | 872460-12-3



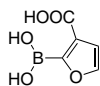
Formula :  $C_7H_6BFO_4$   
M.W. : 183.93 g/mole  
Grade : >98%

**B1466** | 913836-12-1



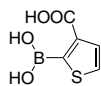
Formula :  $C_8H_9BO_5$   
M.W. : 195.97 g/mole  
Grade : >98%

**B1467** | 1072952-23-8



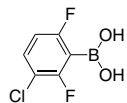
Formula :  $C_5H_5BO_5$   
M.W. : 155.9 g/mole  
Grade : >98%

**B1468** | 519054-53-6



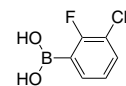
Formula :  $C_5H_5BO_4S$   
M.W. : 171.97 g/mole  
Grade : >96%

**B1469** | 1031226-45-5



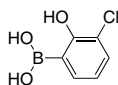
Formula :  $C_6H_4BClF_2O_2$   
M.W. : 192.36 g/mole  
Grade : >97%

**B1470** | 352535-82-1



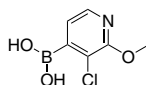
Formula :  $C_6H_3BClFO_2$   
M.W. : 174.37 g/mole  
Grade : >98%

**B1471** | 951655-50-8



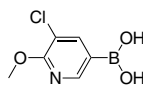
Formula :  $C_6H_6BClO_3$   
M.W. : 172.37 g/mole  
Grade : >98%

**B1472** | 957060-88-7



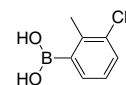
Formula :  $C_6H_7BClNO_3$   
M.W. : 187.39 g/mole  
Grade : >98%

**B1473** | 942438-89-3



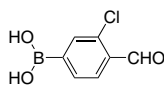
Formula :  $C_6H_7BClNO_3$   
M.W. : 187.39 g/mole  
Grade : >98%

**B1474** | 313545-20-9



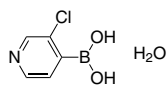
Formula :  $C_7H_8BClO_2$   
M.W. : 170.4 g/mole  
Grade : >97%

**B1475** | 1072952-53-4



Formula :  $C_7H_6BClO_3$   
M.W. : 184.38 g/mole  
Grade : >96%

**B1476** | 1256355-22-2



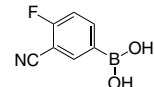
Formula :  $C_5H_7BClNO_3$   
M.W. : 175.38 g/mole  
Grade : >96%

**B1477** | 324024-80-8



Formula :  $C_4H_4BClO_2S$   
M.W. : 162.4 g/mole  
Grade : >95%

**B1478** | 214210-21-6

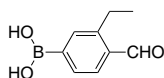


Formula :  $C_7H_5BFNO_2$   
M.W. : 164.93 g/mole  
Grade : >97%

# Synthetic Intermediates and Reagents

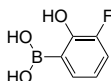
## Boronic Acids / Boronic Esters

**B1479** | 1218790-94-3



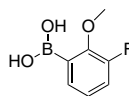
Formula :  $C_9H_{11}BO_3$   
M.W. : 177.99 g/mole  
Grade : >98%

**B1480** | 259209-24-0



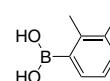
Formula :  $C_6H_6BFO_3$   
M.W. : 155.92 g/mole  
Grade : >98%

**B1481** | 762287-59-2



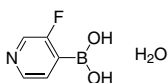
Formula :  $C_7H_8BFO_3$   
M.W. : 169.95 g/mole  
Grade : >95%

**B1482** | 163517-61-1



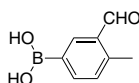
Formula :  $C_7H_8BFO_2$   
M.W. : 153.95 g/mole  
Grade : >98%

**B1484** | 1029880-18-9



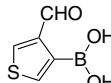
Formula :  $C_5H_7BFNO_3$   
M.W. : 158.92 g/mole  
Grade : >98%

**B1485** | 1106869-99-1



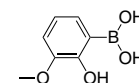
Formula :  $C_8H_9BO_3$   
M.W. : 163.97 g/mole  
Grade : >97%

**B1487** | 4347-32-4



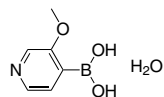
Formula :  $C_5H_5BO_3S$   
M.W. : 155.97 g/mole  
Grade : >98%

**B1488** | 259209-17-1



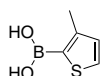
Formula :  $C_7H_9BO_4$   
M.W. : 167.95 g/mole  
Grade : >98%

**B1489** | 1072952-50-1



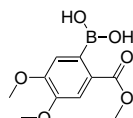
Formula :  $C_6H_{10}BNO_4$   
M.W. : 170.96 g/mole  
Grade : >98%

**B1490** | 177735-09-0



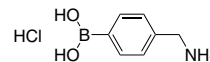
Formula :  $C_5H_7BO_3S$   
M.W. : 141.98 g/mole  
Grade : >97%

**B1491** | 1072952-49-8



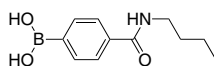
Formula :  $C_{10}H_{13}BO_6$   
M.W. : 240.02 g/mole  
Grade : >98%

**B1492** | 75705-21-4



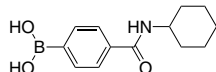
Formula :  $C_7H_{11}BClNO_2$   
M.W. : 187.43 g/mole  
Grade : >98%

**B1493** | 252663-48-2



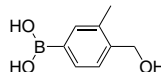
Formula :  $C_{11}H_{16}BNO_3$   
M.W. : 221.06 g/mole  
Grade : >98%

**B1494** | 762262-07-7



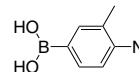
Formula :  $C_{13}H_{18}BNO_3$   
M.W. : 247.1 g/mole  
Grade : >97%

**B1495** | 1218790-88-5



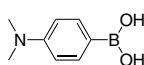
Formula :  $C_9H_{11}BO_3$   
M.W. : 165.98 g/mole  
Grade : >97%

**B1497** | 919496-59-6



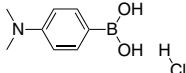
Formula :  $C_9H_{14}BNO_2$   
M.W. : 179.02 g/mole  
Grade : >96%

**B1498** | 28611-39-4



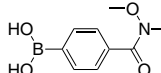
Formula :  $C_8H_{12}BNO_2$   
M.W. : 165.0 g/mole  
Grade : >97%

**B1499** | 1150114-73-0



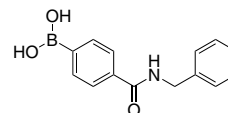
Formula :  $C_8H_{13}BClNO_2$   
M.W. : 201.46 g/mole  
Grade : >98%

**B1500** | 179055-26-6



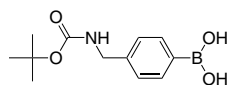
Formula :  $C_9H_{12}BNO_4$   
M.W. : 209.01 g/mole  
Grade : >97%

**B1501** | 252663-47-1



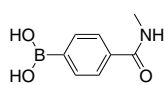
Formula :  $C_{14}H_{14}BNO_3$   
M.W. : 255.08 g/mole  
Grade : >98%

**B1502** | 489446-42-6



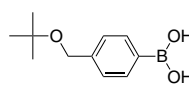
Formula :  $C_{12}H_{18}BNO_4$   
M.W. : 251.09 g/mole  
Grade : >97%

**B1503** | 121177-82-0



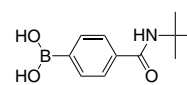
Formula :  $C_8H_{10}BNO_3$   
M.W. : 178.98 g/mole  
Grade : >98%

**B1505** | 1024017-53-5



Formula :  $C_{11}H_{17}BO_3$   
M.W. : 208.06 g/mole  
Grade : >98%

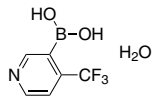
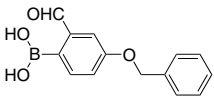
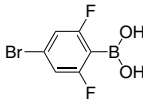
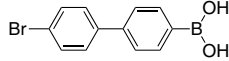
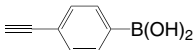
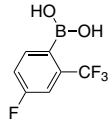
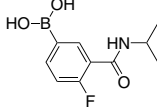
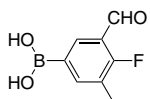
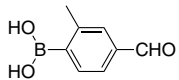
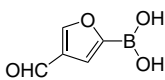
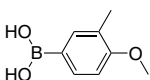
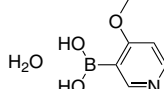
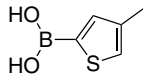
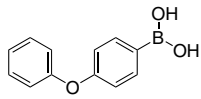
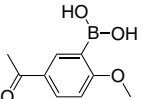
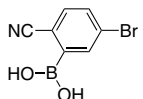
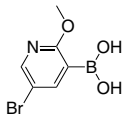
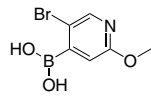
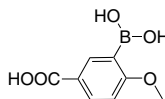
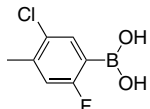
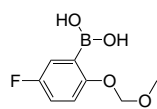
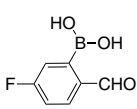
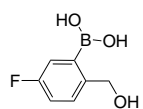
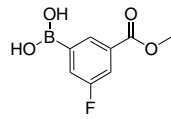
**B1506** | 850568-14-8



Formula :  $C_{11}H_{16}BNO_3$   
M.W. : 221.06 g/mole  
Grade : >98%

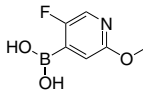
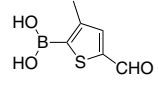
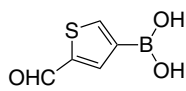
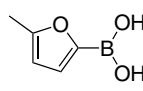
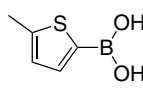
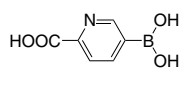
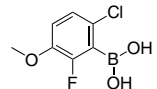
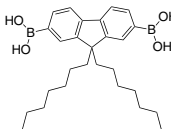
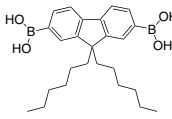
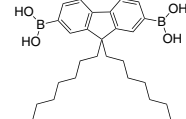
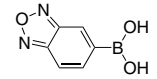
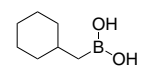
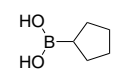
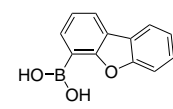
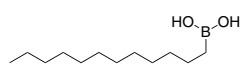
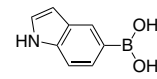
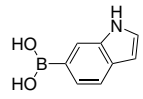
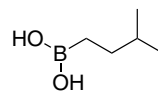
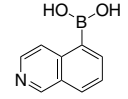
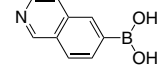
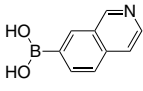
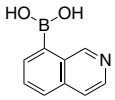
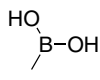
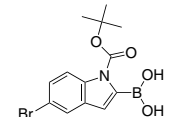
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1507</b>   947533-41-7</p>  <p>Formula : <math>C_6H_5BF_3NO_2</math> M.W. : 190.92 g/mole Grade : &gt;95%</p>	<p><b>B1508</b>   139962-97-3</p>  <p>Formula : <math>C_{14}H_{13}BO_4</math> M.W. : 256.06 g/mole Grade : &gt;97%</p>	<p><b>B1509</b>   352535-81-0</p>  <p>Formula : <math>C_6H_4BBrF_2O_2</math> M.W. : 236.81 g/mole Grade : &gt;98%</p>	<p><b>B1510</b>   480996-05-2</p>  <p>Formula : <math>C_{12}H_{10}BBrO_2</math> M.W. : 276.92 g/mole Grade : &gt;98%</p>
<p><b>B1511</b>   263368-72-5</p>  <p>Formula : <math>C_8H_7BO_2</math> M.W. : 145.95 g/mole Grade : &gt;98%</p>	<p><b>B1512</b>   182344-16-7</p>  <p>Formula : <math>C_7H_5BF_4O_2</math> M.W. : 207.92 g/mole Grade : &gt;98%</p>	<p><b>B1513</b>   874219-21-3</p>  <p>Formula : <math>C_{10}H_{13}BFNO_3</math> M.W. : 225.02 g/mole Grade : &gt;98%</p>	<p><b>B1514</b>   1310384-23-6</p>  <p>Formula : <math>C_8H_8BFO_3</math> M.W. : 181.96 g/mole Grade : &gt;98%</p>
<p><b>B1515</b>   156428-81-8</p>  <p>Formula : <math>C_8H_9BO_3</math> M.W. : 163.97 g/mole Grade : &gt;98%</p>	<p><b>B1516</b>   62306-78-9</p>  <p>Formula : <math>C_5H_5BO_4</math> M.W. : 139.9 g/mole Grade : &gt;97%</p>	<p><b>B1517</b>   175883-62-2</p>  <p>Formula : <math>C_8H_{11}BO_3</math> M.W. : 165.98 g/mole Grade : &gt;98%</p>	<p><b>B1518</b>   355004-67-0</p>  <p>Formula : <math>C_6H_{10}BNO_4</math> M.W. : 170.96 g/mole Grade : &gt;97%</p>
<p><b>B1519</b>   162607-15-0</p>  <p>Formula : <math>C_9H_7BO_2S</math> M.W. : 141.98 g/mole Grade : &gt;96%</p>	<p><b>B1520</b>   51067-38-0</p>  <p>Formula : <math>C_{12}H_{11}BO_3</math> M.W. : 214.02 g/mole Grade : &gt;97%</p>	<p><b>B1521</b>   1215281-20-1</p>  <p>Formula : <math>C_9H_{11}BO_4</math> M.W. : 193.99 g/mole Grade : &gt;98%</p>	<p><b>B1522</b>   1032231-30-3</p>  <p>Formula : <math>C_7H_5BBrNO_2</math> M.W. : 225.84 g/mole Grade : &gt;98%</p>
<p><b>B1523</b>   850864-59-4</p>  <p>Formula : <math>C_8H_7BBrNO_3</math> M.W. : 231.84 g/mole Grade : &gt;97%</p>	<p><b>B1524</b>   957060-94-5</p>  <p>Formula : <math>C_8H_7BBrNO_3</math> M.W. : 231.84 g/mole Grade : &gt;97%</p>	<p><b>B1525</b>   730971-32-1</p>  <p>Formula : <math>C_8H_9BO_3</math> M.W. : 195.97 g/mole Grade : &gt;98%</p>	<p><b>B1526</b>   1072952-42-1</p>  <p>Formula : <math>C_7H_5BClFO_2</math> M.W. : 188.39 g/mole Grade : &gt;98%</p>
<p><b>B1527</b>   488713-34-4</p>  <p>Formula : <math>C_8H_{10}BFO_4</math> M.W. : 199.97 g/mole Grade : &gt;97%</p>	<p><b>B1528</b>   1256355-30-2</p>  <p>Formula : <math>C_7H_6BFO_3</math> M.W. : 167.93 g/mole Grade : &gt;98%</p>	<p><b>B1529</b>   1246633-53-3</p>  <p>Formula : <math>C_7H_6BFO_3</math> M.W. : 169.95 g/mole Grade : &gt;98%</p>	<p><b>B1530</b>   871329-62-3</p>  <p>Formula : <math>C_8H_8BFO_4</math> M.W. : 197.96 g/mole Grade : &gt;98%</p>

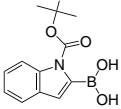
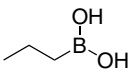
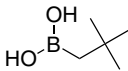
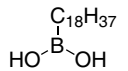
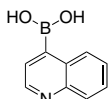
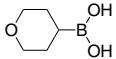
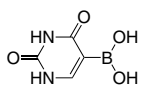

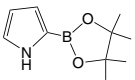
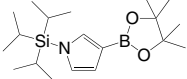
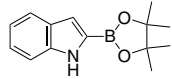
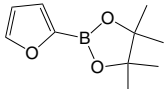
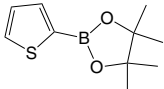
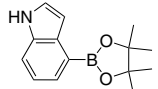
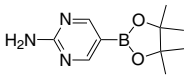
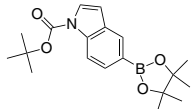
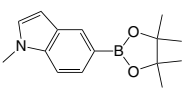
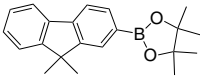
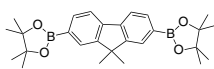
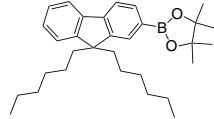
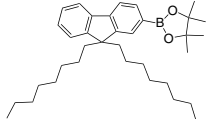
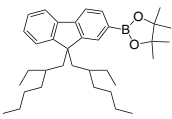
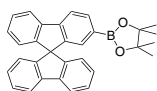
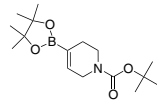
# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

<p><b>B1531</b>   1043869-98-2</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BFNO<sub>3</sub> M.W. : 170.93 g/mole Grade : &gt;98%</p>	<p><b>B1532</b>   1072952-28-3</p>  <p>Formula : C<sub>6</sub>H<sub>7</sub>BO<sub>3</sub>S M.W. : 169.99 g/mole Grade : &gt;98%</p>	<p><b>B1533</b>   175592-59-3</p>  <p>Formula : C<sub>5</sub>H<sub>5</sub>BO<sub>3</sub>S M.W. : 155.97 g/mole Grade : &gt;97%</p>	<p><b>B1534</b>   62306-79-0</p>  <p>Formula : C<sub>5</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 125.92 g/mole Grade : &gt;97%</p>
<p><b>B1535</b>   162607-20-7</p>  <p>Formula : C<sub>5</sub>H<sub>7</sub>BO<sub>3</sub>S M.W. : 141.98 g/mole Grade : &gt;97%</p>	<p><b>B1536</b>   913836-11-0</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>BNO<sub>4</sub> M.W. : 166.93 g/mole Grade : &gt;98%</p>	<p><b>B1537</b>   867333-04-8</p>  <p>Formula : C<sub>7</sub>H<sub>7</sub>BClFO<sub>3</sub> M.W. : 204.39 g/mole Grade : &gt;98%</p>	<p><b>B1538</b>   916336-19-1</p>  <p>Formula : C<sub>27</sub>H<sub>40</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 450.23 g/mole Grade : &gt;97%</p>
<p><b>B1539</b>   203927-98-4</p>  <p>Formula : C<sub>25</sub>H<sub>36</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 422.17 g/mole Grade : &gt;97%</p>	<p><b>B1540</b>   258865-48-4</p>  <p>Formula : C<sub>29</sub>H<sub>44</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 478.28 g/mole Grade : &gt;97%</p>	<p><b>B1541</b>   426268-09-9</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>BN<sub>2</sub>O<sub>3</sub> M.W. : 163.93 g/mole Grade : &gt;97%</p>	<p><b>B1542</b>   27762-64-7</p>  <p>Formula : C<sub>7</sub>H<sub>15</sub>BO<sub>2</sub> M.W. : 142.0 g/mole Grade : &gt;98%</p>
<p><b>B1543</b>   63076-51-7</p>  <p>Formula : C<sub>5</sub>H<sub>11</sub>BO<sub>2</sub> M.W. : 113.95 g/mole Grade : &gt;96%</p>	<p><b>B1544</b>   100124-06-9</p>  <p>Formula : C<sub>12</sub>H<sub>9</sub>BO<sub>3</sub> M.W. : 212.01 g/mole Grade : &gt;97%</p>	<p><b>B1545</b>   3088-79-7</p>  <p>Formula : C<sub>12</sub>H<sub>27</sub>BO<sub>2</sub> M.W. : 214.15 g/mole Grade : &gt;96%</p>	<p><b>B1546</b>   144104-59-6</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 160.97 g/mole Grade : &gt;98%</p>
<p><b>B1547</b>   147621-18-9</p>  <p>Formula : C<sub>8</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 160.97 g/mole Grade : &gt;96%</p>	<p><b>B1548</b>   98139-72-1</p>  <p>Formula : C<sub>9</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 115.97 g/mole Grade : &gt;97%</p>	<p><b>B1549</b>   371766-08-4</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 172.98 g/mole Grade : &gt;97%</p>	<p><b>B1550</b>   899438-92-7</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 172.98 g/mole Grade : &gt;98%</p>
<p><b>B1551</b>   1092790-21-0</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 172.98 g/mole Grade : &gt;95%</p>	<p><b>B1552</b>   721401-43-0</p>  <p>Formula : C<sub>9</sub>H<sub>8</sub>BNO<sub>2</sub> M.W. : 172.98 g/mole Grade : &gt;98%</p>	<p><b>B1553</b>   13061-96-6</p>  <p>Formula : CH<sub>3</sub>BO<sub>2</sub> M.W. : 59.86 g/mole Grade : &gt;98%</p>	<p><b>B1555</b>   475102-13-7</p>  <p>Formula : C<sub>13</sub>H<sub>15</sub>BBrNO<sub>4</sub> M.W. : 339.98 g/mole Grade : &gt;97%</p>

# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

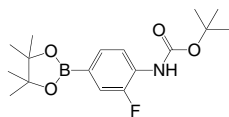
<p><b>B1556</b>   213318-44-6</p>  <p>Formula : <math>C_{13}H_{16}BNO_4</math> M.W. : 261.08 g/mole Grade : &gt;97%</p>	<p><b>B1557</b>   17745-45-8</p>  <p>Formula : <math>C_3H_9BO_2</math> M.W. : 87.91 g/mole Grade : &gt;97%</p>	<p><b>B1558</b>   701261-35-0</p>  <p>Formula : <math>C_5H_{13}BO_2</math> M.W. : 115.97 g/mole Grade : &gt;97%</p>	<p><b>B1559</b>   4445-09-4</p>  <p>Formula : <math>C_{18}H_{37}BO_2</math> M.W. : 298.31 g/mole Grade : &gt;96%</p>
<p><b>B1560</b>   371764-64-6</p>  <p>Formula : <math>C_9H_8BNO_2</math> M.W. : 172.98 g/mole Grade : &gt;98%</p>	<p><b>B1561</b>   1072952-46-5</p>  <p>Formula : <math>C_5H_{11}BO_3</math> M.W. : 129.95 g/mole Grade : &gt;95%</p>	<p><b>B1562</b>   70523-22-7</p>  <p>Formula : <math>C_4H_5BN_2O_4</math> M.W. : 155.9 g/mole Grade : &gt;97%</p>	<p><b>B1563</b>   728911-52-2</p>  <p>Formula : <math>C_{37}H_{38}B_2O_4</math> M.W. : 568.32 g/mole Grade : &gt;97%</p>
<p><b>B1564</b>   476004-79-2</p>  <p>Formula : <math>C_{10}H_{16}BNO_2</math> M.W. : 193.05 g/mole Grade : &gt;97%</p>	<p><b>B1565</b>   365564-11-0</p>  <p>Formula : <math>C_{19}H_{36}BNO_2Si</math> M.W. : 349.39 g/mole Grade : &gt;97%</p>	<p><b>B1566</b>   476004-81-6</p>  <p>Formula : <math>C_{14}H_{18}BNO_2</math> M.W. : 243.11 g/mole Grade : &gt;97%</p>	<p><b>B1567</b>   374790-93-9</p>  <p>Formula : <math>C_{10}H_{15}BO_3</math> M.W. : 194.04 g/mole Grade : &gt;97%</p>
<p><b>B1568</b>   193978-23-3</p>  <p>Formula : <math>C_{10}H_{15}BO_2S</math> M.W. : 210.1 g/mole Grade : &gt;97%</p>	<p><b>B1569</b>   388116-27-6</p>  <p>Formula : <math>C_{14}H_{18}BNO_2</math> M.W. : 243.11 g/mole Grade : &gt;97%</p>	<p><b>B1570</b>   402960-38-7</p>  <p>Formula : <math>C_{10}H_{16}BN_2O_2</math> M.W. : 221.06 g/mole Grade : &gt;98%</p>	<p><b>B1571</b>   777061-36-6</p>  <p>Formula : <math>C_{19}H_{26}BNO_4</math> M.W. : 343.23 g/mole Grade : &gt;98%</p>
<p><b>B1572</b>   837392-62-8</p>  <p>Formula : <math>C_{15}H_{20}BNO_2</math> M.W. : 257.14 g/mole Grade : &gt;97%</p>	<p><b>B1573</b>   569343-09-5</p>  <p>Formula : <math>C_{21}H_{25}BO_2</math> M.W. : 320.23 g/mole Grade : &gt;97%</p>	<p><b>B1574</b>   325129-69-9</p>  <p>Formula : <math>C_{27}H_{36}B_2O_4</math> M.W. : 446.19 g/mole Grade : &gt;97%</p>	<p><b>B1575</b>   264925-45-3</p>  <p>Formula : <math>C_{31}H_{45}BO_2</math> M.W. : 460.5 g/mole Grade : &gt;97%</p>
<p><b>B1576</b>   302554-81-0</p>  <p>Formula : <math>C_{35}H_{53}BO_2</math> M.W. : 516.61 g/mole Grade : &gt;97%</p>	<p><b>B1577</b>   740812-14-0</p>  <p>Formula : <math>C_{35}H_{53}BO_2</math> M.W. : 516.61 g/mole Grade : &gt;97%</p>	<p><b>B1578</b>   884336-44-1</p>  <p>Formula : <math>C_{31}H_{27}BO_2</math> M.W. : 442.36 g/mole Grade : &gt;97%</p>	<p><b>B1579</b>   286961-14-6</p>  <p>Formula : <math>C_{16}H_{28}BNO_4</math> M.W. : 309.21 g/mole Grade : &gt;98%</p>



# Synthetic Intermediates and Reagents

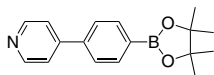
## Boronic Acids / Boronic Esters

**B1580** | 262444-42-8



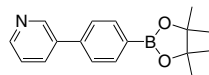
Formula :  $C_{17}H_{25}BFNO_4$   
M.W. : 337.19 g/mole  
Grade : >97%

**B1582** | 1009033-87-7



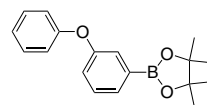
Formula :  $C_{17}H_{20}BNO_2$   
M.W. : 281.16 g/mole  
Grade : >97%

**B1583** | 929203-04-3



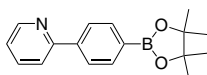
Formula :  $C_{17}H_{20}BNO_2$   
M.W. : 281.16 g/mole  
Grade : >97%

**B1584** | 864772-18-9



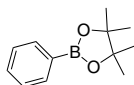
Formula :  $C_{18}H_{21}BO_3$   
M.W. : 296.17 g/mole  
Grade : >97%

**B1585** | 908350-80-1



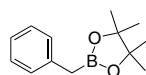
Formula :  $C_{17}H_{20}BNO_2$   
M.W. : 281.16 g/mole  
Grade : >97%

**B1586** | 24388-23-6



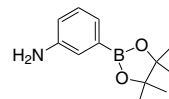
Formula :  $C_{12}H_{17}BO_2$   
M.W. : 204.1 g/mole  
Grade : >97%

**B1587** | 87100-28-5



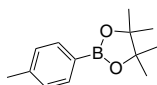
Formula :  $C_{13}H_{19}BO_2$   
M.W. : 218.1 g/mole  
Grade : >97%

**B1588** | 210907-84-9



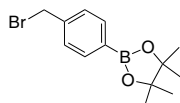
Formula :  $C_{12}H_{18}BNO_2$   
M.W. : 219.1 g/mole  
Grade : >98%

**B1589** | 195062-57-8



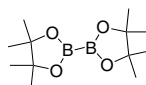
Formula :  $C_{13}H_{19}BO_2$   
M.W. : 218.1 g/mole  
Grade : >98%

**B1590** | 138500-85-3



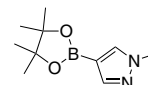
Formula :  $C_{13}H_{18}BBrO_2$   
M.W. : 297.0 g/mole  
Grade : >95%

**B1591** | 73183-34-3



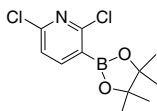
Formula :  $C_{12}H_{24}B_2O_4$   
M.W. : 253.9 g/mole  
Grade : >99%

**B1592** | 761446-44-0



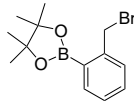
Formula :  $C_{10}H_{17}BN_2O_2$   
M.W. : 208.1 g/mole  
Grade : >97%

**B1593** | 1073371-78-4



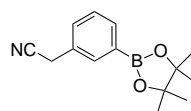
Formula :  $C_{11}H_{14}BCl_2NO_2$   
M.W. : 274.0 g/mole  
Grade : >95%

**B1594** | 377780-72-8



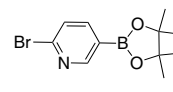
Formula :  $C_{13}H_{18}BBrO_2$   
M.W. : 297.0 g/mole  
Grade : >96%

**B1595** | 452972-12-2



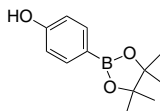
Formula :  $C_{11}H_{15}BBrNO_2$   
M.W. : 284.0 g/mole  
Grade : >97%

**B1596** | 214360-62-0



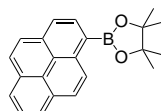
Formula :  $C_{11}H_{15}BBrNO_2$   
M.W. : 284.0 g/mole  
Grade : >97%

**B1597** | 269409-70-3



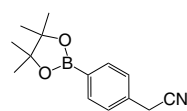
Formula :  $C_{12}H_{17}BO_3$   
M.W. : 220.1 g/mole  
Grade : >97%

**B1598** | 349666-24-6



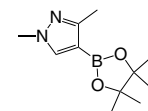
Formula :  $C_{22}H_{21}BO_2$   
M.W. : 328.2 g/mole  
Grade : >97% (HPLC)

**B1600** | 138500-86-4



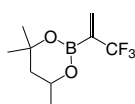
Formula :  $C_{14}H_{18}BNO_2$   
M.W. : 243.1 g/mole  
Grade : >98%

**B1602** | 1046832-21-6



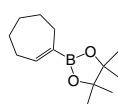
Formula :  $C_{11}H_{19}BN_2O_2$   
M.W. : 222.1 g/mole  
Grade : >97%

**B1603** | 1011460-68-6



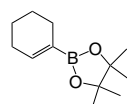
Formula :  $C_9H_{14}BF_3O_2$   
M.W. : 222.0 g/mole  
Grade : >97%

**B1604** | 287944-13-2



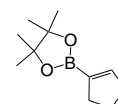
Formula :  $C_{13}H_{23}BO_2$   
M.W. : 222.1 g/mole  
Grade : >96%

**B1605** | 141091-37-4



Formula :  $C_{12}H_{21}BO_2$   
M.W. : 208.1 g/mole  
Grade : >98%

**B1606** | 287944-10-9



Formula :  $C_{11}H_{19}BO_2$   
M.W. : 194.1 g/mole  
Grade : >98%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

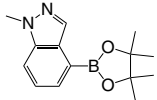
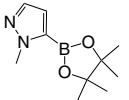
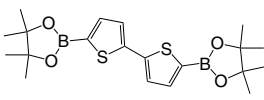
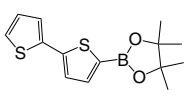
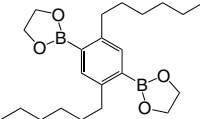
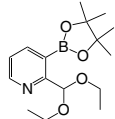
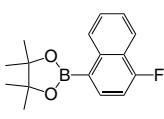
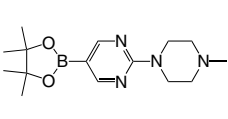
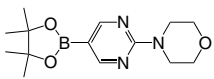
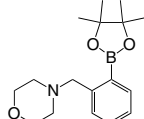
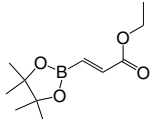
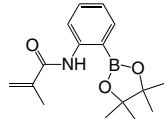
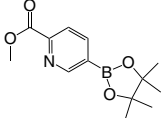
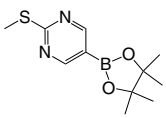
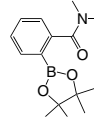
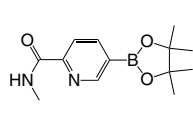
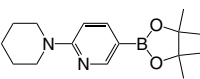
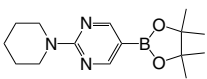
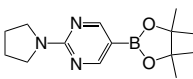
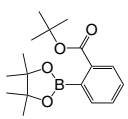
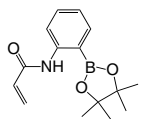
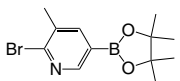
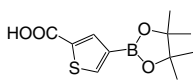
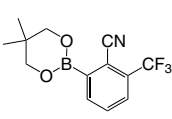
Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

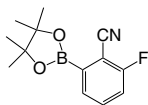
## Boronic Acids / Boronic Esters

<p><b>B1607</b>   885698-94-2</p>  <p>Formula : C<sub>14</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>2</sub> M.W. : 258.1 g/mole Grade : &gt;98%</p>	<p><b>B1608</b>   847818-74-0</p>  <p>Formula : C<sub>10</sub>H<sub>17</sub>BN<sub>2</sub>O<sub>2</sub> M.W. : 208.1 g/mole Grade : &gt;98%</p>	<p><b>B1609</b>   239075-02-6</p>  <p>Formula : C<sub>20</sub>H<sub>28</sub>B<sub>2</sub>O<sub>4</sub>S<sub>2</sub> M.W. : 418.2 g/mole Grade : &gt;98%</p>	<p><b>B1610</b>   479719-88-5</p>  <p>Formula : C<sub>14</sub>H<sub>17</sub>BO<sub>2</sub>S<sub>2</sub> M.W. : 292.2 g/mole Grade : &gt;98%</p>
<p><b>B1612</b>   883741-17-1</p>  <p>Formula : C<sub>22</sub>H<sub>36</sub>B<sub>2</sub>O<sub>4</sub> M.W. : 386.1 g/mole Grade : &gt;98%</p>	<p><b>B1613</b>   1218790-41-0</p>  <p>Formula : C<sub>16</sub>H<sub>26</sub>BNO<sub>4</sub> M.W. : 307.2 g/mole Grade : &gt;97%</p>	<p><b>B1614</b>   627526-35-6</p>  <p>Formula : C<sub>16</sub>H<sub>18</sub>BFO<sub>2</sub> M.W. : 272.1 g/mole Grade : &gt;96%</p>	<p><b>B1616</b>   942922-07-8</p>  <p>Formula : C<sub>15</sub>H<sub>25</sub>BN<sub>4</sub>O<sub>2</sub> M.W. : 304.2 g/mole Grade : &gt;98%</p>
<p><b>B1617</b>   957198-30-0</p>  <p>Formula : C<sub>14</sub>H<sub>22</sub>BN<sub>3</sub>O<sub>3</sub> M.W. : 291.2 g/mole Grade : &gt;98%</p>	<p><b>B1618</b>   876316-33-5</p>  <p>Formula : C<sub>17</sub>H<sub>26</sub>BNO<sub>3</sub> M.W. : 303.2 g/mole Grade : &gt;98%</p>	<p><b>B1619</b>   1009307-13-4</p>  <p>Formula : C<sub>11</sub>H<sub>19</sub>BO<sub>4</sub> M.W. : 226.1 g/mole Grade : &gt;98%</p>	<p><b>B1620</b>   1056904-43-8</p>  <p>Formula : C<sub>16</sub>H<sub>22</sub>BNO<sub>3</sub> M.W. : 287.2 g/mole Grade : &gt;98%</p>
<p><b>B1621</b>   957065-99-5</p>  <p>Formula : C<sub>13</sub>H<sub>18</sub>BNO<sub>4</sub> M.W. : 263.1 g/mole Grade : &gt;98%</p>	<p><b>B1622</b>   940284-18-4</p>  <p>Formula : C<sub>11</sub>H<sub>17</sub>BN<sub>2</sub>O<sub>2</sub>S M.W. : 252.1 g/mole Grade : &gt;97%</p>	<p><b>B1624</b>   956229-73-5</p>  <p>Formula : C<sub>15</sub>H<sub>22</sub>BNO<sub>3</sub> M.W. : 275.2 g/mole Grade : &gt;97%</p>	<p><b>B1625</b>   945863-21-8</p>  <p>Formula : C<sub>13</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>3</sub> M.W. : 262.1 g/mole Grade : &gt;98%</p>
<p><b>B1626</b>   852228-08-1</p>  <p>Formula : C<sub>16</sub>H<sub>25</sub>BN<sub>2</sub>O<sub>2</sub> M.W. : 288.2 g/mole Grade : &gt;98%</p>	<p><b>B1627</b>   1015242-08-6</p>  <p>Formula : C<sub>15</sub>H<sub>24</sub>BN<sub>3</sub>O<sub>2</sub> M.W. : 289.2 g/mole Grade : &gt;98%</p>	<p><b>B1628</b>   1015242-07-5</p>  <p>Formula : C<sub>14</sub>H<sub>22</sub>BN<sub>3</sub>O<sub>2</sub> M.W. : 275.2 g/mole Grade : &gt;98%</p>	<p><b>B1629</b>   956229-69-9</p>  <p>Formula : C<sub>17</sub>H<sub>25</sub>BO<sub>4</sub> M.W. : 304.2 g/mole Grade : &gt;97%</p>
<p><b>B1630</b>   1218790-42-1</p>  <p>Formula : C<sub>15</sub>H<sub>20</sub>BNO<sub>3</sub> M.W. : 273.1 g/mole Grade : &gt;98%</p>	<p><b>B1631</b>   1256360-64-1</p>  <p>Formula : C<sub>12</sub>H<sub>17</sub>BBrNO<sub>2</sub> M.W. : 298.0 g/mole Grade : &gt;97%</p>	<p><b>B1632</b>   1010836-19-7</p>  <p>Formula : C<sub>11</sub>H<sub>15</sub>BO<sub>4</sub>S M.W. : 254.1 g/mole Grade : &gt;98%</p>	<p><b>B1633</b>   883899-03-4</p>  <p>Formula : C<sub>13</sub>H<sub>13</sub>BF<sub>3</sub>NO<sub>2</sub> M.W. : 283.1 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

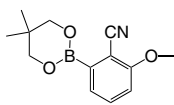
## Boronic Acids / Boronic Esters

**B1634** | 765916-91-4



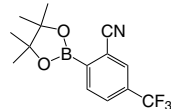
Formula : C<sub>13</sub>H<sub>15</sub>BFNO<sub>2</sub>  
M.W. : 247.1 g/mole  
Grade : >98%

**B1635** | 883899-02-3



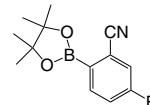
Formula : C<sub>13</sub>H<sub>16</sub>BNO<sub>3</sub>  
M.W. : 245.1 g/mole  
Grade : >98%

**B1636** | 1073355-21-1



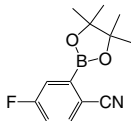
Formula : C<sub>14</sub>H<sub>15</sub>BF<sub>3</sub>NO<sub>2</sub>  
M.W. : 297.1 g/mole  
Grade : >97%

**B1637** | 461451-63-8



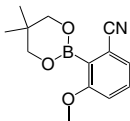
Formula : C<sub>13</sub>H<sub>15</sub>BFNO<sub>2</sub>  
M.W. : 247.1 g/mole  
Grade : >97%

**B1638** | 463335-96-8



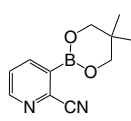
Formula : C<sub>13</sub>H<sub>15</sub>BFNO<sub>2</sub>  
M.W. : 247.1 g/mole  
Grade : >98%

**B1639** | 883898-97-3



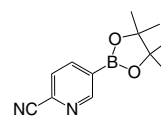
Formula : C<sub>13</sub>H<sub>16</sub>BNO<sub>3</sub>  
M.W. : 245.1 g/mole  
Grade : >98%

**B1640** | 868944-75-6



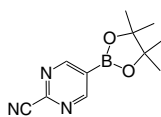
Formula : C<sub>11</sub>H<sub>13</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 216.0 g/mole  
Grade : >98%

**B1641** | 741709-63-7



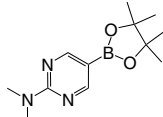
Formula : C<sub>12</sub>H<sub>15</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 230.1 g/mole  
Grade : >98%

**B1642** | 1025708-31-9



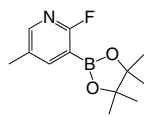
Formula : C<sub>11</sub>H<sub>14</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 231.1 g/mole  
Grade : >98%

**B1643** | 1032759-30-0



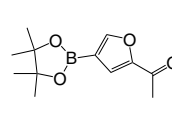
Formula : C<sub>12</sub>H<sub>20</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 249.1 g/mole  
Grade : >98%

**B1644** | 1073371-96-6



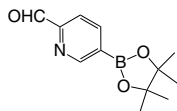
Formula : C<sub>12</sub>H<sub>17</sub>BFNO<sub>2</sub>  
M.W. : 237.1 g/mole  
Grade : >98%

**B1646** | 846023-58-3



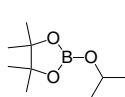
Formula : C<sub>12</sub>H<sub>17</sub>BO<sub>4</sub>  
M.W. : 236.07 g/mole  
Grade : >96%

**B1647** | 1073354-14-9



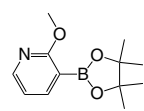
Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>3</sub>  
M.W. : 233.07 g/mole  
Grade : >98%

**B1648** | 61676-62-8



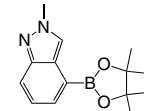
Formula : C<sub>9</sub>H<sub>19</sub>BO<sub>3</sub>  
M.W. : 186.05 g/mole  
Grade : >96%

**B1649** | 532391-31-4



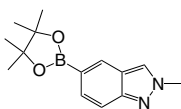
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>3</sub>  
M.W. : 235.08 g/mole  
Grade : >97%

**B1650** | 885698-95-3



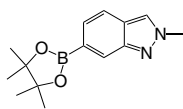
Formula : C<sub>14</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 258.12 g/mole  
Grade : >98%

**B1651** | 1189746-27-7



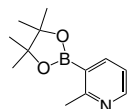
Formula : C<sub>14</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 258.12 g/mole  
Grade : >98%

**B1652** | 1204580-79-9



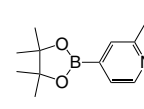
Formula : C<sub>14</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 258.12 g/mole  
Grade : >98%

**B1653** | 1012084-56-8



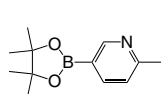
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>2</sub>  
M.W. : 219.08 g/mole  
Grade : >97%

**B1654** | 660867-80-1



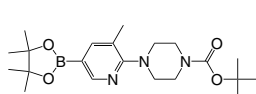
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>2</sub>  
M.W. : 219.08 g/mole  
Grade : >98%

**B1655** | 610768-32-6



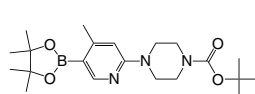
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>2</sub>  
M.W. : 219.08 g/mole  
Grade : >98%

**B1656** | 1073354-54-7



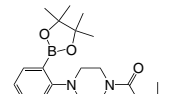
Formula : C<sub>21</sub>H<sub>34</sub>BN<sub>3</sub>O<sub>4</sub>  
M.W. : 403.32 g/mole  
Grade : >98%

**B1657** | 1073355-13-1



Formula : C<sub>21</sub>H<sub>34</sub>BN<sub>3</sub>O<sub>4</sub>  
M.W. : 403.32 g/mole  
Grade : >98%

**B1658** | 1073354-59-2



Formula : C<sub>21</sub>H<sub>33</sub>BN<sub>2</sub>O<sub>4</sub>  
M.W. : 388.3 g/mole  
Grade : >98%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

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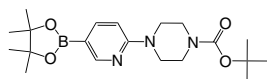
Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

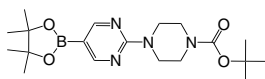
## Boronic Acids / Boronic Esters

**B1659** | 496786-98-2



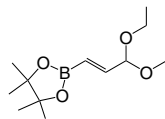
Formula : C<sub>20</sub>H<sub>32</sub>BN<sub>3</sub>O<sub>4</sub>  
M.W. : 389.29 g/mole  
Grade : >98%

**B1660** | 940284-98-0



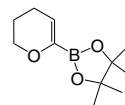
Formula : C<sub>19</sub>H<sub>31</sub>BN<sub>3</sub>O<sub>4</sub>  
M.W. : 390.28 g/mole  
Grade : >98%

**B1661** | 153737-25-8



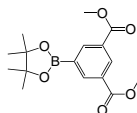
Formula : C<sub>13</sub>H<sub>25</sub>BO<sub>4</sub>  
M.W. : 256.14 g/mole  
Grade : >95%

**B1663** | 1025707-93-0



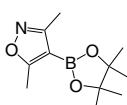
Formula : C<sub>11</sub>H<sub>19</sub>BO<sub>3</sub>  
M.W. : 210.07 g/mole  
Grade : >98%

**B1664** | 944392-68-1



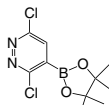
Formula : C<sub>16</sub>H<sub>21</sub>BO<sub>6</sub>  
M.W. : 320.14 g/mole  
Grade : >98%

**B1665** | 832114-00-8



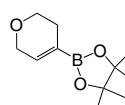
Formula : C<sub>11</sub>H<sub>18</sub>BNO<sub>3</sub>  
M.W. : 223.07 g/mole  
Grade : >98%

**B1666** | 919197-88-9



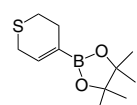
Formula : C<sub>10</sub>H<sub>13</sub>BCl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
M.W. : 274.93 g/mole  
Grade : >97%

**B1667** | 287944-16-5



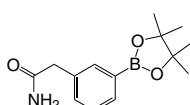
Formula : C<sub>11</sub>H<sub>19</sub>BO<sub>3</sub>  
M.W. : 210.07 g/mole  
Grade : >97%

**B1668** | 862129-81-5



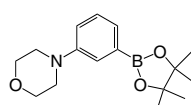
Formula : C<sub>11</sub>H<sub>19</sub>BO<sub>2</sub>S  
M.W. : 226.14 g/mole  
Grade : >98%

**B1669** | 843646-72-0



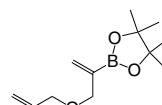
Formula : C<sub>14</sub>H<sub>20</sub>BNO<sub>3</sub>  
M.W. : 261.12 g/mole  
Grade : >98%

**B1670** | 852227-95-3



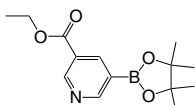
Formula : C<sub>16</sub>H<sub>24</sub>BNO<sub>3</sub>  
M.W. : 289.17 g/mole  
Grade : >98%

**B1672** | 212127-71-4



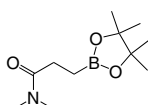
Formula : C<sub>12</sub>H<sub>21</sub>BO<sub>3</sub>  
M.W. : 224.1 g/mole  
Grade : >98%

**B1673** | 916326-10-8



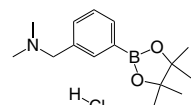
Formula : C<sub>14</sub>H<sub>20</sub>BNO<sub>4</sub>  
M.W. : 277.12 g/mole  
Grade : >96%

**B1674** | 134892-18-5



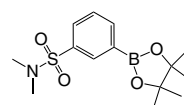
Formula : C<sub>11</sub>H<sub>22</sub>BNO<sub>3</sub>  
M.W. : 227.1 g/mole  
Grade : >98%

**B1675** | 1036991-19-1



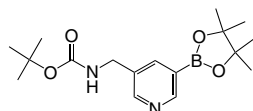
Formula : C<sub>15</sub>H<sub>25</sub>BClNO<sub>2</sub>  
M.W. : 297.62 g/mole  
Grade : >97%

**B1676** | 486422-05-3



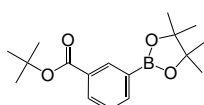
Formula : C<sub>14</sub>H<sub>22</sub>BNO<sub>2</sub>S  
M.W. : 311.2 g/mole  
Grade : >98%

**B1677** | 1257554-93-0



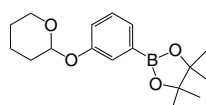
Formula : C<sub>17</sub>H<sub>27</sub>BN<sub>2</sub>O<sub>4</sub>  
M.W. : 334.21 g/mole  
Grade : >95%

**B1678** | 903895-48-7



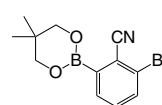
Formula : C<sub>17</sub>H<sub>25</sub>BO<sub>4</sub>  
M.W. : 304.18 g/mole  
Grade : >98%

**B1679** | 850568-69-3



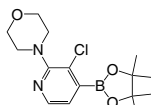
Formula : C<sub>17</sub>H<sub>25</sub>BO<sub>4</sub>  
M.W. : 304.18 g/mole  
Grade : >98%

**B1680** | 883899-07-8



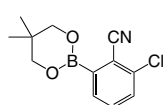
Formula : C<sub>12</sub>H<sub>13</sub>BBrNO<sub>2</sub>  
M.W. : 293.95 g/mole  
Grade : >98%

**B1681** | 957198-28-6



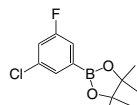
Formula : C<sub>15</sub>H<sub>22</sub>BClN<sub>2</sub>O<sub>3</sub>  
M.W. : 324.61 g/mole  
Grade : >98%

**B1682** | 883899-06-7



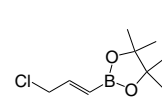
Formula : C<sub>12</sub>H<sub>13</sub>BClNO<sub>2</sub>  
M.W. : 249.50 g/mole  
Grade : >98%

**B1683** | 1245524-02-0



Formula : C<sub>12</sub>H<sub>15</sub>BClFO<sub>2</sub>  
M.W. : 256.50 g/mole  
Grade : >97%

**B1684** | 153724-93-7

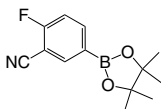


Formula : C<sub>9</sub>H<sub>16</sub>BClO<sub>2</sub>  
M.W. : 202.48 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

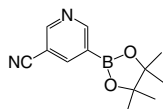
## Boronic Acids / Boronic Esters

**B1685** | 775351-57-0



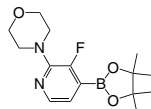
Formula : C<sub>13</sub>H<sub>15</sub>BFNO<sub>2</sub>  
M.W. : 247.07 g/mole  
Grade : >98%

**B1686** | 402718-29-0



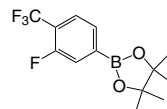
Formula : C<sub>12</sub>H<sub>15</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 230.07 g/mole  
Grade : >98%

**B1687** | 957198-29-7



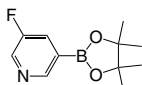
Formula : C<sub>15</sub>H<sub>22</sub>BFN<sub>3</sub>O<sub>3</sub>  
M.W. : 308.15 g/mole  
Grade : >98%

**B1688** | 445303-67-3



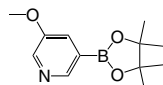
Formula : C<sub>13</sub>H<sub>15</sub>BF<sub>4</sub>O<sub>2</sub>  
M.W. : 290.06 g/mole  
Grade : >98%

**B1689** | 719268-92-5



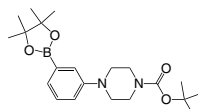
Formula : C<sub>11</sub>H<sub>15</sub>BFNO<sub>2</sub>  
M.W. : 223.05 g/mole  
Grade : >98%

**B1690** | 445264-60-8



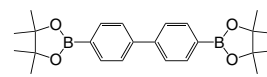
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>3</sub>  
M.W. : 235.08 g/mole  
Grade : >98%

**B1691** | 540752-87-2



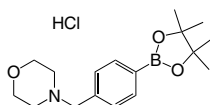
Formula : C<sub>21</sub>H<sub>33</sub>BN<sub>2</sub>O<sub>4</sub>  
M.W. : 388.3 g/mole  
Grade : >97%

**B1692** | 207611-87-8



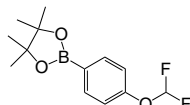
Formula : C<sub>24</sub>H<sub>32</sub>B<sub>2</sub>O<sub>4</sub>  
M.W. : 406.13 g/mole  
Grade : >98%

**B1694** | 944591-57-5



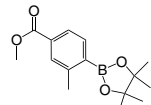
Formula : C<sub>17</sub>H<sub>27</sub>BClNO<sub>3</sub>  
M.W. : 339.66 g/mole  
Grade : >98%

**B1695** | 887757-48-4



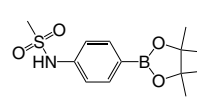
Formula : C<sub>13</sub>H<sub>17</sub>BF<sub>2</sub>O<sub>3</sub>  
M.W. : 270.08 g/mole  
Grade : >97%

**B1696** | 473596-87-1



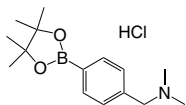
Formula : C<sub>15</sub>H<sub>21</sub>BO<sub>4</sub>  
M.W. : 276.13 g/mole  
Grade : >98%

**B1697** | 616880-14-9



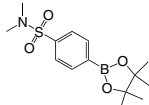
Formula : C<sub>13</sub>H<sub>20</sub>BNO<sub>2</sub>S  
M.W. : 297.17 g/mole  
Grade : >98%

**B1698** | 878197-87-6



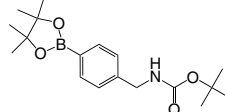
Formula : C<sub>15</sub>H<sub>25</sub>BClNO<sub>2</sub>  
M.W. : 297.62 g/mole  
Grade : >98%

**B1699** | 486422-04-2



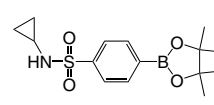
Formula : C<sub>14</sub>H<sub>22</sub>BNO<sub>2</sub>S  
M.W. : 311.2 g/mole  
Grade : >98%

**B1700** | 330794-35-9



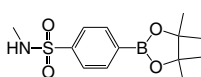
Formula : C<sub>18</sub>H<sub>28</sub>BNO<sub>4</sub>  
M.W. : 333.23 g/mole  
Grade : >98%

**B1701** | 914610-50-7



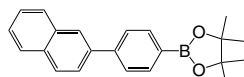
Formula : C<sub>15</sub>H<sub>22</sub>BNO<sub>2</sub>S  
M.W. : 323.21 g/mole  
Grade : >98%

**B1702** | 1073353-47-5



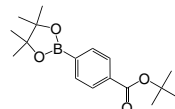
Formula : C<sub>13</sub>H<sub>20</sub>BNO<sub>2</sub>S  
M.W. : 297.17 g/mole  
Grade : >98%

**B1703** | 1092390-02-7



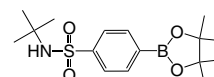
Formula : C<sub>22</sub>H<sub>23</sub>BO<sub>2</sub>  
M.W. : 330.22 g/mole  
Grade : >98%

**B1704** | 850568-72-8



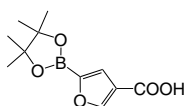
Formula : C<sub>17</sub>H<sub>25</sub>BO<sub>4</sub>  
M.W. : 304.18 g/mole  
Grade : >98%

**B1705** | 648905-63-9



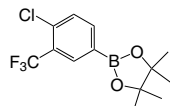
Formula : C<sub>16</sub>H<sub>26</sub>BNO<sub>2</sub>S  
M.W. : 339.26 g/mole  
Grade : >98%

**B1706** | 1073354-94-5



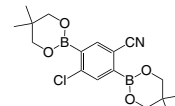
Formula : C<sub>11</sub>H<sub>15</sub>BO<sub>3</sub>  
M.W. : 238.04 g/mole  
Grade : >97%

**B1707** | 445303-09-3



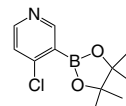
Formula : C<sub>13</sub>H<sub>15</sub>BClF<sub>3</sub>O<sub>2</sub>  
M.W. : 306.52 g/mole  
Grade : >98%

**B1708** | 1072944-28-5



Formula : C<sub>17</sub>H<sub>22</sub>B<sub>2</sub>CINO<sub>4</sub>  
M.W. : 361.44 g/mole  
Grade : >98%

**B1709** | 452972-15-5

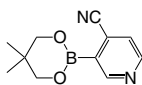


Formula : C<sub>11</sub>H<sub>15</sub>BClNO<sub>2</sub>  
M.W. : 239.51 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

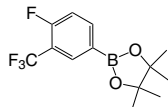
## Boronic Acids / Boronic Esters

**B1710** | 868944-72-3



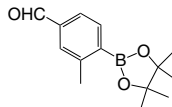
Formula : C<sub>11</sub>H<sub>13</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 216.04 g/mole  
Grade : >98%

**B1711** | 445303-14-0



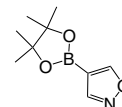
Formula : C<sub>13</sub>H<sub>15</sub>BF<sub>4</sub>O<sub>2</sub>  
M.W. : 290.06 g/mole  
Grade : >98%

**B1712** | 1073354-66-1



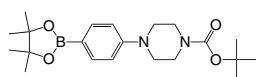
Formula : C<sub>14</sub>H<sub>19</sub>BO<sub>3</sub>  
M.W. : 246.11 g/mole  
Grade : >98%

**B1713** | 928664-98-6



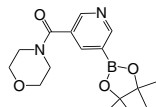
Formula : C<sub>9</sub>H<sub>14</sub>BNO<sub>3</sub>  
M.W. : 195.02 g/mole  
Grade : >98%

**B1714** | 470478-90-1



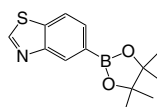
Formula : C<sub>21</sub>H<sub>33</sub>BN<sub>2</sub>O<sub>4</sub>  
M.W. : 388.31 g/mole  
Grade : >98%

**B1715** | 1073371-92-2



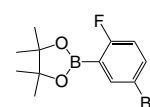
Formula : C<sub>16</sub>H<sub>23</sub>BN<sub>2</sub>O<sub>4</sub>  
M.W. : 318.18 g/mole  
Grade : >98%

**B1716** | 1073354-91-2



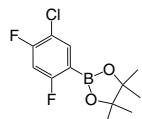
Formula : C<sub>13</sub>H<sub>16</sub>BNO<sub>2</sub>S  
M.W. : 261.15 g/mole  
Grade : >98%

**B1717** | 942069-51-4



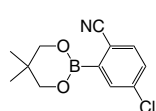
Formula : C<sub>12</sub>H<sub>15</sub>BBrFO<sub>2</sub>  
M.W. : 300.96 g/mole  
Grade : >97%

**B1718** | 1073354-65-0



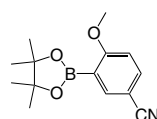
Formula : C<sub>12</sub>H<sub>14</sub>BClF<sub>2</sub>O<sub>2</sub>  
M.W. : 274.5 g/mole  
Grade : >97%

**B1719** | 883898-93-9



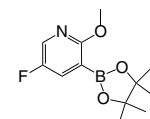
Formula : C<sub>12</sub>H<sub>13</sub>BClNO<sub>2</sub>  
M.W. : 249.5 g/mole  
Grade : >98%

**B1720** | 706820-96-4



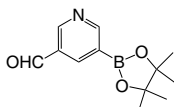
Formula : C<sub>14</sub>H<sub>18</sub>BNO<sub>3</sub>  
M.W. : 259.11 g/mole  
Grade : >97%

**B1721** | 1083168-95-9



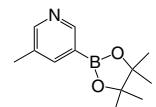
Formula : C<sub>12</sub>H<sub>17</sub>BFNO<sub>3</sub>  
M.W. : 253.08 g/mole  
Grade : >98%

**B1722** | 848093-29-8



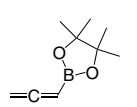
Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>3</sub>  
M.W. : 233.07 g/mole  
Grade : >98%

**B1723** | 1171891-42-1



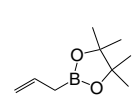
Formula : C<sub>12</sub>H<sub>16</sub>BNO<sub>2</sub>  
M.W. : 219.09 g/mole  
Grade : >98%

**B1725** | 865350-17-0



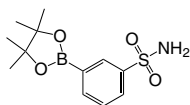
Formula : C<sub>9</sub>H<sub>15</sub>BO<sub>2</sub>  
M.W. : 166.03 g/mole  
Grade : >98%

**B1726** | 72824-04-5



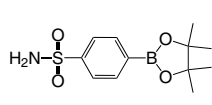
Formula : C<sub>9</sub>H<sub>17</sub>BO<sub>2</sub>  
M.W. : 168.04 g/mole  
Grade : >98%

**B1727** | 486422-08-6



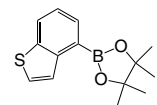
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>4</sub>S  
M.W. : 283.15 g/mole  
Grade : >98%

**B1728** | 214360-51-7



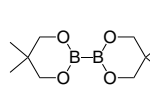
Formula : C<sub>12</sub>H<sub>18</sub>BNO<sub>4</sub>S  
M.W. : 283.15 g/mole  
Grade : >98%

**B1729** | 1000160-75-7



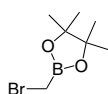
Formula : C<sub>14</sub>H<sub>17</sub>BO<sub>2</sub>S  
M.W. : 260.16 g/mole  
Grade : >98%

**B1730** | 201733-56-4



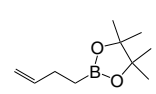
Formula : C<sub>10</sub>H<sub>20</sub>B<sub>2</sub>O<sub>4</sub>  
M.W. : 225.89 g/mole  
Grade : >98%

**B1731** | 166330-03-6



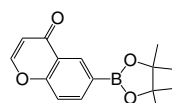
Formula : C<sub>7</sub>H<sub>14</sub>BBro<sub>2</sub>  
M.W. : 220.9 g/mole  
Grade : >97%

**B1732** | 331958-92-0



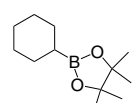
Formula : C<sub>10</sub>H<sub>19</sub>BO<sub>2</sub>  
M.W. : 182.07 g/mole  
Grade : >98%

**B1733** | 928773-42-6



Formula : C<sub>15</sub>H<sub>17</sub>BO<sub>4</sub>  
M.W. : 272.1 g/mole  
Grade : >98%

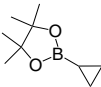
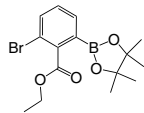
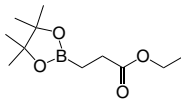
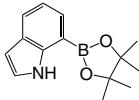
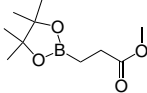
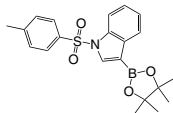
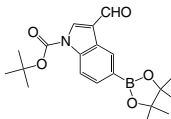
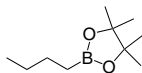
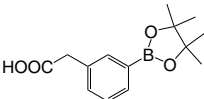
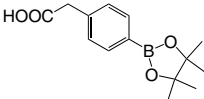
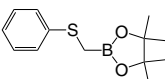
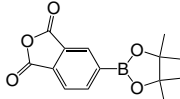
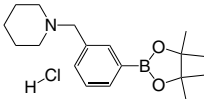
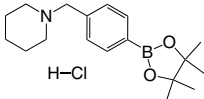
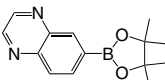
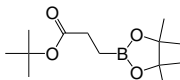
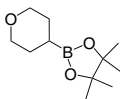
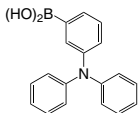
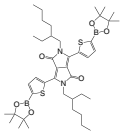
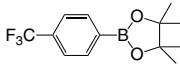
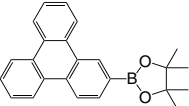
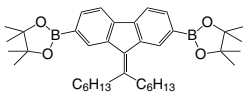
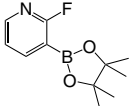
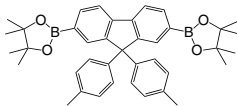
**B1734** | 87100-15-0



Formula : C<sub>12</sub>H<sub>23</sub>BO<sub>2</sub>  
M.W. : 210.12 g/mole  
Grade : >96%

# Synthetic Intermediates and Reagents

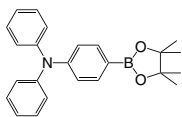
## Boronic Acids / Boronic Esters

<b>B1735</b>   126689-01-8  Formula : C <sub>9</sub> H <sub>17</sub> BO <sub>2</sub> M.W. : 168.04 g/mole Grade : >98%	<b>B1736</b>   1025708-01-3  Formula : C <sub>15</sub> H <sub>20</sub> BBro <sub>4</sub> M.W. : 355.03 g/mole Grade : >97%	<b>B1737</b>   302577-73-7  Formula : C <sub>11</sub> H <sub>21</sub> BO <sub>4</sub> M.W. : 228.09 g/mole Grade : >98%	<b>B1738</b>   642494-37-9  Formula : C <sub>14</sub> H <sub>18</sub> BNO <sub>2</sub> M.W. : 243.11 g/mole Grade : >98%
<b>B1739</b>   1150561-77-5  Formula : C <sub>10</sub> H <sub>19</sub> BO <sub>4</sub> M.W. : 214.07 g/mole Grade : >98%	<b>B1740</b>   1073354-51-4  Formula : C <sub>21</sub> H <sub>24</sub> BNO <sub>4</sub> S M.W. : 397.3 g/mole Grade : >98%	<b>B1741</b>   1025707-92-9  Formula : C <sub>20</sub> H <sub>26</sub> BNO <sub>5</sub> M.W. : 371.24 g/mole Grade : >98%	<b>B1742</b>   69190-62-1  Formula : C <sub>10</sub> H <sub>21</sub> BO <sub>2</sub> M.W. : 184.08 g/mole Grade : >98%
<b>B1743</b>   797755-05-6  Formula : C <sub>14</sub> H <sub>19</sub> BO <sub>4</sub> M.W. : 262.11 g/mole Grade : >98%	<b>B1744</b>   797755-07-8  Formula : C <sub>14</sub> H <sub>19</sub> BO <sub>4</sub> M.W. : 262.11 g/mole Grade : >98%	<b>B1745</b>   66080-23-7  Formula : C <sub>13</sub> H <sub>19</sub> BO <sub>2</sub> S M.W. : 250.16 g/mole Grade : >98%	<b>B1746</b>   849677-21-0  Formula : C <sub>14</sub> H <sub>15</sub> BO <sub>5</sub> M.W. : 274.08 g/mole Grade : >98%
<b>B1747</b>   1021186-08-2  Formula : C <sub>18</sub> H <sub>28</sub> BCINO <sub>2</sub> M.W. : 337.69 g/mole Grade : >97%	<b>B1748</b>   1073372-05-0  Formula : C <sub>18</sub> H <sub>28</sub> BCINO <sub>2</sub> M.W. : 337.69 g/mole Grade :	<b>B1751</b>   1167418-13-4  Formula : C <sub>14</sub> H <sub>17</sub> BN <sub>2</sub> O <sub>2</sub> M.W. : 256.11 g/mole Grade : >97%	<b>B1752</b>   134892-19-6  Formula : C <sub>13</sub> H <sub>25</sub> BO <sub>4</sub> M.W. : 256.15 g/mole Grade : >98%
<b>B1753</b>   1131912-76-9  Formula : C <sub>11</sub> H <sub>21</sub> BO <sub>3</sub> M.W. : 212.09 g/mole Grade : >96%	<b>B1754</b>   943899-12-5  Formula : C <sub>18</sub> H <sub>16</sub> BNO <sub>2</sub> M.W. : 289.1 g/mole Grade : >97%	<b>B1755</b>   1269004-46-7  Formula : C <sub>42</sub> H <sub>62</sub> B <sub>2</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub> M.W. : 776.7 g/mole Grade : >96%	<b>B1756</b>   214360-65-3  Formula : C <sub>13</sub> H <sub>16</sub> BF <sub>3</sub> O <sub>2</sub> M.W. : 272.07 g/mole Grade : >97%
<b>B1757</b>   890042-13-4  Formula : C <sub>24</sub> H <sub>23</sub> BO <sub>2</sub> M.W. : 354.25 g/mole Grade : >97%	<b>B1758</b>   1334549-69-7  Formula : C <sub>38</sub> H <sub>56</sub> B <sub>2</sub> O <sub>4</sub> M.W. : 598.47 g/mole Grade : >97%	<b>B1759</b>   452972-14-4  Formula : C <sub>11</sub> H <sub>15</sub> BFNO <sub>2</sub> M.W. : 223.05 g/mole Grade : >97%	<b>B1760</b>   474918-37-1  Formula : C <sub>39</sub> H <sub>44</sub> B <sub>2</sub> O <sub>4</sub> M.W. : 598.39 g/mole Grade : >97%

# Synthetic Intermediates and Reagents

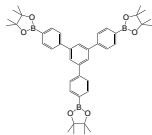
## Boronic Acids / Boronic Esters

**B1762** | 267221-88-5



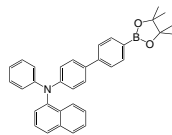
Formula : C<sub>24</sub>H<sub>26</sub>BNO<sub>2</sub>  
M.W. : 371.28 g/mole  
Grade : >97%

**B1763** | 1017967-97-3



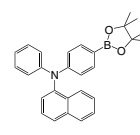
Formula : C<sub>42</sub>H<sub>51</sub>B<sub>2</sub>O<sub>6</sub>  
M.W. : 684.28 g/mole  
Grade : >97% (NMR)

**B1764** | 792909-35-4



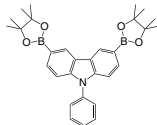
Formula : C<sub>34</sub>H<sub>32</sub>BNO<sub>2</sub>  
M.W. : 497.43 g/mole  
Grade : >97%

**B1765** | 528610-01-7



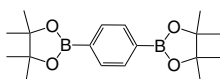
Formula : C<sub>28</sub>H<sub>28</sub>BNO<sub>2</sub>  
M.W. : 421.34 g/mole  
Grade : >97%

**B1767** | 618442-57-2



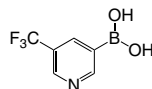
Formula : C<sub>30</sub>H<sub>35</sub>B<sub>2</sub>NO<sub>4</sub>  
M.W. : 495.23 g/mole  
Grade : >97%

**B1768** | 99770-93-1



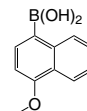
Formula : C<sub>18</sub>H<sub>28</sub>B<sub>2</sub>O<sub>4</sub>  
M.W. : 330.03 g/mole  
Grade : >97%

**B1771** | 947533-51-9



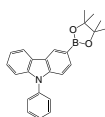
Formula : C<sub>6</sub>H<sub>5</sub>BF<sub>3</sub>NO<sub>2</sub>  
M.W. : 190.92 g/mole  
Grade : >96%

**B1772** | 219834-95-4



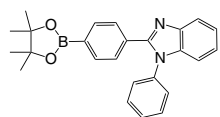
Formula : C<sub>11</sub>H<sub>11</sub>BO<sub>3</sub>  
M.W. : 202.01 g/mole  
Grade : >97%

**B1773** | 1126522-69-7



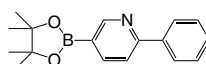
Formula : C<sub>24</sub>H<sub>24</sub>BNO<sub>2</sub>  
M.W. : 369.26 g/mole  
Grade : >97%

**B1776** | 1146340-38-6



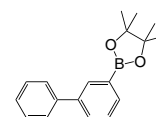
Formula : C<sub>25</sub>H<sub>25</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 396.29 g/mole  
Grade : >97%

**B1777** | 879291-27-7



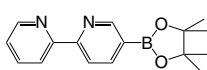
Formula : C<sub>17</sub>H<sub>20</sub>BNO<sub>2</sub>  
M.W. : 281.16 g/mole  
Grade : >97%

**B1778** | 912844-88-3



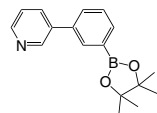
Formula : C<sub>18</sub>H<sub>21</sub>BO<sub>2</sub>  
M.W. : 280.17 g/mole  
Grade : >98%

**B1780** | 562098-24-2



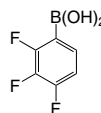
Formula : C<sub>16</sub>H<sub>19</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 282.15 g/mole  
Grade : >97%

**B1783** | 939430-30-5



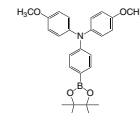
Formula : C<sub>17</sub>H<sub>20</sub>BNO<sub>2</sub>  
M.W. : 281.16 g/mole  
Grade : >97%

**B1784** | 226396-32-3



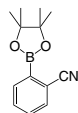
Formula : C<sub>6</sub>H<sub>4</sub>BF<sub>3</sub>O<sub>2</sub>  
M.W. : 175.9 g/mole  
Grade : >97%

**B1785** | 875667-84-8



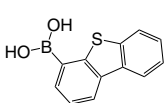
Formula : C<sub>26</sub>H<sub>30</sub>BNO<sub>4</sub>  
M.W. : 431.33 g/mole  
Grade : >98%

**B1788** | 214360-48-2



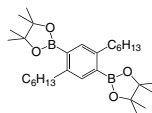
Formula : C<sub>13</sub>H<sub>16</sub>BNO<sub>2</sub>  
M.W. : 229.08 g/mole  
Grade : >98%

**B1789** | 108847-20-7



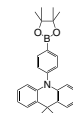
Formula : C<sub>12</sub>H<sub>9</sub>BO<sub>2</sub>S  
M.W. : 228.07 g/mole  
Grade : >98%

**B1794** | 374934-77-7



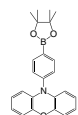
Formula : C<sub>30</sub>H<sub>52</sub>B<sub>2</sub>O<sub>4</sub>  
M.W. : 498.35 g/mole  
Grade : >98%

**B1796** | 1643935-09-4



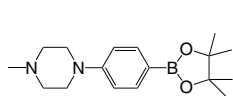
Formula : C<sub>27</sub>H<sub>30</sub>BNO<sub>2</sub>  
M.W. : 411.34 g/mole  
Grade : >98% (HPLC)

**B1797** | 1647121-47-8



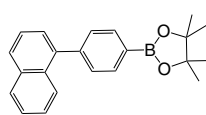
Formula : C<sub>24</sub>H<sub>24</sub>BNO<sub>3</sub>  
M.W. : 385.26 g/mole  
Grade : >98%

**B1798** | 747413-21-4



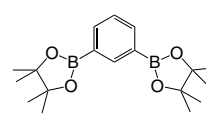
Formula : C<sub>17</sub>H<sub>27</sub>BN<sub>2</sub>O<sub>2</sub>  
M.W. : 302.22 g/mole  
Grade : >98%

**B1799** | 1028729-05-6



Formula : C<sub>22</sub>H<sub>23</sub>BO<sub>2</sub>  
M.W. : 330.23 g/mole  
Grade : >98%

**B1800** | 196212-27-8



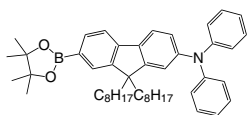
Formula : C<sub>18</sub>H<sub>28</sub>B<sub>2</sub>O<sub>4</sub>  
M.W. : 330.0 g/mole  
Grade : >98%



# Synthetic Intermediates and Reagents

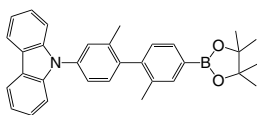
## Boronic Acids / Boronic Esters

**B1801** | 1030834-61-7



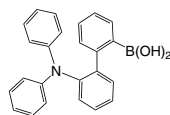
Formula :  $C_{24}H_{22}BO_2$   
M.W. : 365.23 g/mole  
Grade : >98%

**B1802** | 1122650-91-2



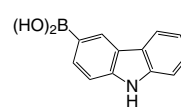
Formula :  $C_{32}H_{32}BO_2$   
M.W. : 473.41 g/mole  
Grade : >98% (NMR)

**B1803** | 1776936-68-5



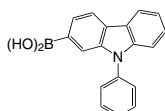
Formula :  $C_{24}H_{20}BO_2$   
M.W. : 365.23 g/mole  
Grade : >98% (NMR)

**B1804** | 851524-97-5



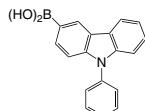
Formula :  $C_{12}H_{10}BO_2$   
M.W. : 211.02 g/mole  
Grade : >98% (HPLC)

**B1805** | 1001911-63-2



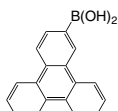
Formula :  $C_{18}H_{14}BO_2$   
M.W. : 287.12 g/mole  
Grade : >98%

**B1806** | 854952-58-2



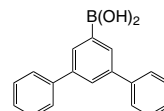
Formula :  $C_{18}H_{14}BO_2$   
M.W. : 287.12 g/mole  
Grade : >99.5% (HPLC)

**B1807** | 654664-63-8



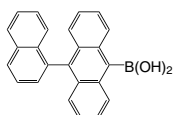
Formula :  $C_{18}H_{13}BO_2$   
M.W. : 272.11 g/mole  
Grade : >98%

**B1808** | 128388-54-5



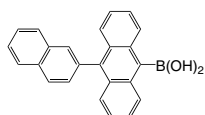
Formula :  $C_{18}H_{15}BO_2$   
M.W. : 274.12 g/mole  
Grade : >98%

**B1809** | 400607-46-7



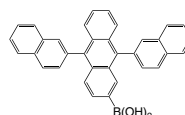
Formula :  $C_{24}H_{17}BO_2$   
M.W. : 348.2 g/mole  
Grade : >98% (HPLC)

**B1810** | 597554-03-5



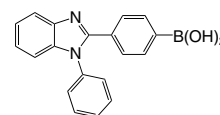
Formula :  $C_{24}H_{17}BO_2$   
M.W. : 348.2 g/mole  
Grade : >98% (HPLC)

**B1811** | 867044-28-8



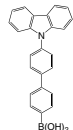
Formula :  $C_{34}H_{23}BO_2$   
M.W. : 474.36 g/mole  
Grade : >98%

**B1812** | 952514-79-3



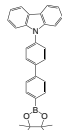
Formula :  $C_{19}H_{15}BN_2O_2$   
M.W. : 314.15 g/mole  
Grade : >98% (HPLC)

**B1813** | 858131-73-4



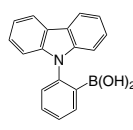
Formula :  $C_{24}H_{18}BO_2$   
M.W. : 363.22 g/mole  
Grade : >98% (HPLC)

**B1814** | 1311408-02-2



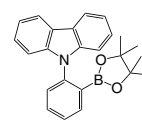
Formula :  $C_{30}H_{28}BO_2$   
M.W. : 445.36 g/mole  
Grade : >98% (HPLC)

**B1815** | 1189047-28-6



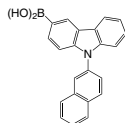
Formula :  $C_{18}H_{14}BO_2$   
M.W. : 287.12 g/mole  
Grade : >98% (HPLC)

**B1816** | 1357634-60-6



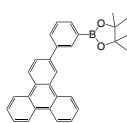
Formula :  $C_{24}H_{24}BO_2$   
M.W. : 369.26 g/mole  
Grade : >98% (HPLC)

**B1817** | 1133057-98-3



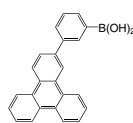
Formula :  $C_{22}H_{16}BO_2$   
M.W. : 337.18 g/mole  
Grade : >98% (HPLC)

**B1818** | 1115639-92-3



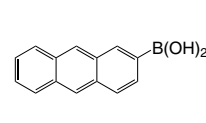
Formula :  $C_{30}H_{27}BO_2$   
M.W. : 430.35 g/mole  
Grade : >98%

**B1819** | 1235876-72-8



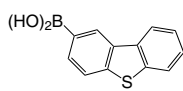
Formula :  $C_{24}H_{17}BO_2$   
M.W. : 348.2 g/mole  
Grade : >98%

**B1820** | 141981-64-8



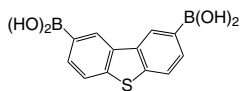
Formula :  $C_{14}H_{11}BO_2$   
M.W. : 222.05 g/mole  
Grade : >98%

**B1821** | 668983-97-9



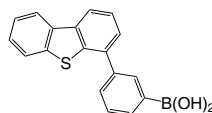
Formula :  $C_{12}H_9BO_2S$   
M.W. : 228.07 g/mole  
Grade : >98%

**B1822** | 761405-37-2



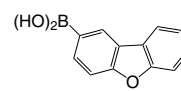
Formula :  $C_{12}H_{10}B_2O_4S$   
M.W. : 271.89 g/mole  
Grade : >98%

**B1823** | 1307859-67-1



Formula :  $C_{18}H_{13}BO_2S$   
M.W. : 304.17 g/mole  
Grade : >99%

**B1824** | 402936-15-6



Formula :  $C_{12}H_9BO_3$   
M.W. : 212.01 g/mole  
Grade : >98%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

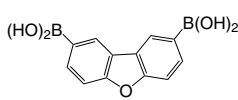
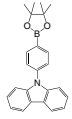
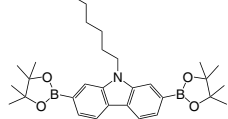
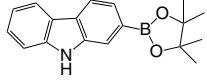
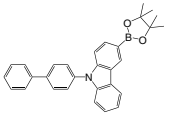
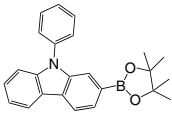
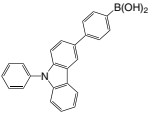
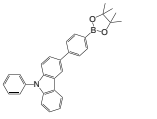
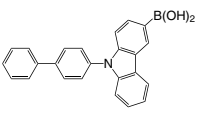
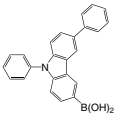
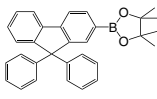
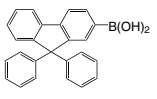
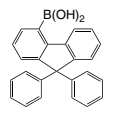
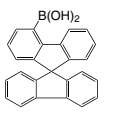
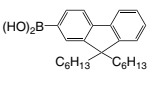
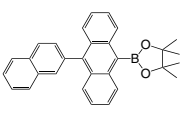
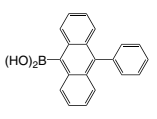
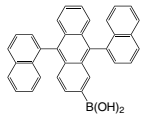
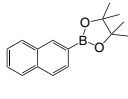
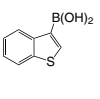
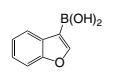
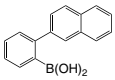
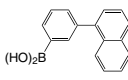
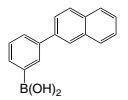
Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

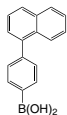
## Boronic Acids / Boronic Esters

<p><b>B1826</b>   1222008-13-0</p>  <p>Formula : C<sub>12</sub>H<sub>10</sub>B<sub>2</sub>O<sub>5</sub> M.W. : 255.83 g/mole Grade : &gt;98%</p>	<p><b>B1827</b>   785051-54-9</p>  <p>Formula : C<sub>24</sub>H<sub>24</sub>BNO<sub>2</sub> M.W. : 369.26 g/mole Grade : &gt;98%</p>	<p><b>B1828</b>   871696-12-7</p>  <p>Formula : C<sub>30</sub>H<sub>43</sub>B<sub>2</sub>NO<sub>4</sub> M.W. : 503.29 g/mole Grade : &gt;98%</p>	<p><b>B1829</b>   871125-67-6</p>  <p>Formula : C<sub>18</sub>H<sub>20</sub>BNO<sub>2</sub> M.W. : 293.17 g/mole Grade : &gt;98%</p>
<p><b>B1830</b>   1391729-66-0</p>  <p>Formula : C<sub>30</sub>H<sub>28</sub>BNO<sub>2</sub> M.W. : 445.36 g/mole Grade : &gt;98%</p>	<p><b>B1831</b>   1246669-45-3</p>  <p>Formula : C<sub>24</sub>H<sub>24</sub>BNO<sub>2</sub> M.W. : 369.26 g/mole Grade : &gt;98%</p>	<p><b>B1832</b>   1240963-55-6</p>  <p>Formula : C<sub>24</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 363.22 g/mole Grade : &gt;98%</p>	<p><b>B1833</b>   1219956-30-5</p>  <p>Formula : C<sub>30</sub>H<sub>28</sub>BNO<sub>2</sub> M.W. : 445.36 g/mole Grade : &gt;98%</p>
<p><b>B1834</b>   1028648-22-7</p>  <p>Formula : C<sub>24</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 363.22 g/mole Grade : &gt;98%</p>	<p><b>B1835</b>   1133058-06-6</p>  <p>Formula : C<sub>24</sub>H<sub>18</sub>BNO<sub>2</sub> M.W. : 363.22 g/mole Grade : &gt;98%</p>	<p><b>B1836</b>   462128-39-8</p>  <p>Formula : C<sub>31</sub>H<sub>29</sub>BO<sub>2</sub> M.W. : 444.37 g/mole Grade : &gt;98%</p>	<p><b>B1837</b>   400607-31-0</p>  <p>Formula : C<sub>25</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 362.23 g/mole Grade : &gt;98%</p>
<p><b>B1838</b>   1224976-40-2</p>  <p>Formula : C<sub>25</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 362.23 g/mole Grade : &gt;98%</p>	<p><b>B1839</b>   1421789-05-0</p>  <p>Formula : C<sub>25</sub>H<sub>17</sub>BO<sub>2</sub> M.W. : 360.21 g/mole Grade : &gt;98%</p>	<p><b>B1840</b>   371193-08-7</p>  <p>Formula : C<sub>25</sub>H<sub>35</sub>BO<sub>2</sub> M.W. : 378.36 g/mole Grade : &gt;98%</p>	<p><b>B1841</b>   922518-84-1</p>  <p>Formula : C<sub>30</sub>H<sub>27</sub>BO<sub>2</sub> M.W. : 430.35 g/mole Grade : &gt;98%</p>
<p><b>B1842</b>   334658-75-2</p>  <p>Formula : C<sub>20</sub>H<sub>15</sub>BO<sub>2</sub> M.W. : 298.14 g/mole Grade : &gt;98%</p>	<p><b>B1843</b>   867004-35-7</p>  <p>Formula : C<sub>34</sub>H<sub>23</sub>BO<sub>2</sub> M.W. : 474.36 g/mole Grade : &gt;98%</p>	<p><b>B1844</b>   256652-04-7</p>  <p>Formula : C<sub>16</sub>H<sub>19</sub>BO<sub>2</sub> M.W. : 254.13 g/mole Grade : &gt;98%</p>	<p><b>B1845</b>   113893-08-6</p>  <p>Formula : C<sub>8</sub>H<sub>7</sub>BO<sub>2</sub>S M.W. : 178.02 g/mole Grade : &gt;97%</p>
<p><b>B1846</b>   317830-83-4</p>  <p>Formula : C<sub>8</sub>H<sub>7</sub>BO<sub>3</sub> M.W. : 161.95 g/mole Grade : &gt;98%</p>	<p><b>B1847</b>   1061350-97-7</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 248.08 g/mole Grade : &gt;98%</p>	<p><b>B1848</b>   881913-20-8</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 248.08 g/mole Grade : &gt;97%</p>	<p><b>B1849</b>   870774-29-1</p>  <p>Formula : C<sub>16</sub>H<sub>13</sub>BO<sub>2</sub> M.W. : 248.08 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

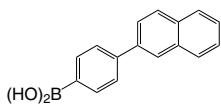
## Boronic Acids / Boronic Esters

**B1850** | 870774-25-7



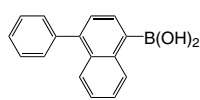
Formula :  $C_{16}H_{13}BO_2$   
M.W. : 248.08 g/mole  
Grade : >98%

**B1851** | 918655-03-5



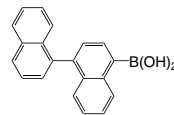
Formula :  $C_{16}H_{13}BO_2$   
M.W. : 248.08 g/mole  
Grade : >98%

**B1852** | 372521-91-0



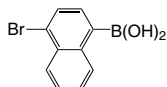
Formula :  $C_{16}H_{13}BO_2$   
M.W. : 248.08 g/mole  
Grade : >98%

**B1853** | 363607-69-6



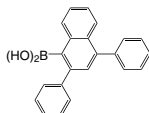
Formula :  $C_{20}H_{15}BO_2$   
M.W. : 298.14 g/mole  
Grade : >98%

**B1854** | 145965-14-6



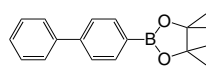
Formula :  $C_{10}H_8BBR_2O_2$   
M.W. : 250.88 g/mole  
Grade : >97%

**B1855** | 881811-83-2



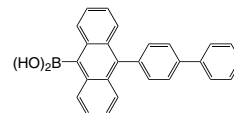
Formula :  $C_{22}H_{17}BO_2$   
M.W. : 324.18 g/mole  
Grade : >98%

**B1856** | 144432-80-4



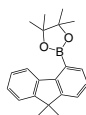
Formula :  $C_{18}H_{21}BO_2$   
M.W. : 280.17 g/mole  
Grade : >98%

**B1857** | 400607-47-8



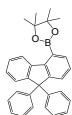
Formula :  $C_{26}H_{19}BO_2$   
M.W. : 374.24 g/mole  
Grade : >98%

**B1858** | 1365692-79-0



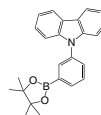
Formula :  $C_{21}H_{25}BO_2$   
M.W. : 320.23 g/mole  
Grade : >98%

**B1859** | 1259280-37-9



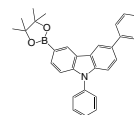
Formula :  $C_{31}H_{29}BO_2$   
M.W. : 444.37 g/mole  
Grade : >98%

**B1860** | 870119-58-7



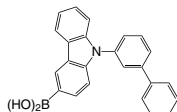
Formula :  $C_{24}H_{24}BNO_2$   
M.W. : 369.26 g/mole  
Grade : >98%

**B1861** | 1359833-28-5



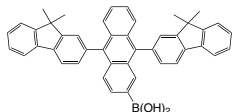
Formula :  $C_{30}H_{28}BNO_2$   
M.W. : 445.36 g/mole  
Grade : >98%

**B1862** | 1416814-68-0



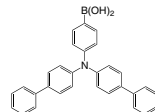
Formula :  $C_{24}H_{18}BNO_2$   
M.W. : 363.22 g/mole  
Grade : >98%

**B1863** | 1191076-27-3



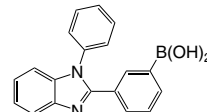
Formula :  $C_{44}H_{32}BO_2$   
M.W. : 606.56 g/mole  
Grade : >98%

**B1864** | 943836-24-6



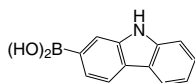
Formula :  $C_{30}H_{24}BNO_2$   
M.W. : 441.33 g/mole  
Grade : >98%

**B1866** | 1214723-26-8



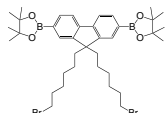
Formula :  $C_{19}H_{15}BN_2O_2$   
M.W. : 314.15 g/mole  
Grade : >98%

**B1868** | 745783-94-2



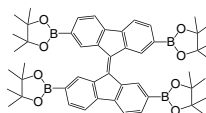
Formula :  $C_{12}H_{10}BNO_2$   
M.W. : 211.02 g/mole  
Grade : >98%

**B1869** | 851775-62-7



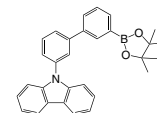
Formula :  $C_{37}H_{54}B_2Br_2O_4$   
M.W. : 744.25 g/mole  
Grade : >97%

**B1870** | 2131092-68-5



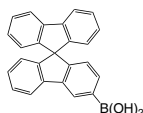
Formula :  $C_{50}H_{60}B_4O_8$   
M.W. : 832.25 g/mole  
Grade : >97%

**B1872** | 1235880-28-0



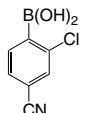
Formula :  $C_{30}H_{28}BNO_2$   
M.W. : 445.36 g/mole  
Grade : >98% (HPLC)

**B1873** | 1421789-04-9



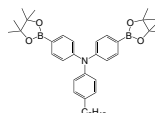
Formula :  $C_{25}H_{17}BO_2$   
M.W. : 360.21 g/mole  
Grade : >98% (HPLC)

**B1875** | 677743-50-9



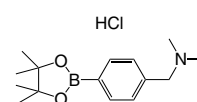
Formula :  $C_7H_5BClNO_2$   
M.W. : 181.38 g/mole  
Grade : >98%

**B1877** | 928055-49-6



Formula :  $C_{36}H_{49}B_2NO_4$   
M.W. : 581.4 g/mole  
Grade : >98%

**B1878** | 1073371-85-3



Formula :  $C_{15}H_{23}BClNO_2$   
M.W. : 297.63 g/mole  
Grade : >98%

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

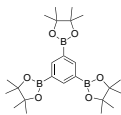
Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

## Boronic Acids / Boronic Esters

B1886 | 365564-05-2



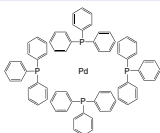
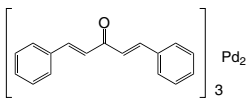
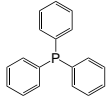
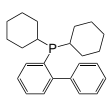

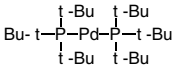
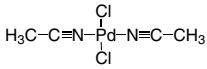
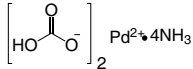

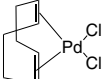
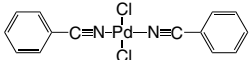
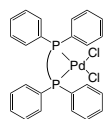
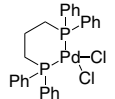
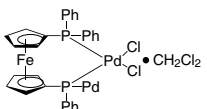
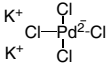
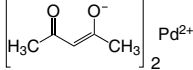
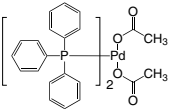
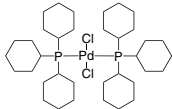
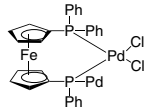
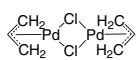
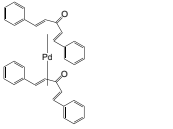
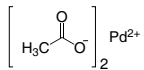

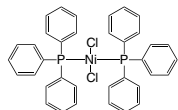
Formula :  $C_{24}H_{39}B_3O_6$   
M.W. : 456 g/mole  
Grade : >98%

Synthetic Intermediates and Reagents

Synthetic Intermediates and Reagents

# Synthetic Intermediates and Reagents

## Metal Catalysts / Reductants

<p><b>K0545</b>   14221-01-3</p>  <p>Formula : Pd[P(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>]<sub>4</sub> M.W. : 1155.56 g/mole Grade : &gt;99%</p>	<p><b>K0552</b>   51364-51-3</p>  <p>Formula : (C<sub>6</sub>H<sub>5</sub>CH=CHCOCH=CHC<sub>6</sub>H<sub>5</sub>)<sub>2</sub>Pd<sub>2</sub> M.W. : 915.72 g/mole Grade : &gt;97%</p>	<p><b>K0787</b>   603-35-0</p>  <p>Formula : (C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>P M.W. : 262.29 g/mole Grade : &gt;99%</p>	<p><b>K0790</b>   247940-06-3</p>  <p>Formula : C<sub>24</sub>H<sub>31</sub>P M.W. : 350.48 g/mole Grade : &gt;97%</p>
<p><b>K0791</b>   224311-51-7</p>  <p>Formula : C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>P[C(CH<sub>3</sub>)<sub>3</sub>]<sub>2</sub> M.W. : 298.4 g/mole Grade : &gt;97%</p>	<p><b>K0792</b>   53199-31-8</p>  <p>Formula : C<sub>24</sub>H<sub>54</sub>P<sub>2</sub>Pd M.W. : 511.05 g/mole</p>	<p><b>K0793</b>   14592-56-4</p>  <p>Formula : PdCl<sub>2</sub> · (CH<sub>3</sub>CN)<sub>2</sub> M.W. : 259.43 g/mole Grade : &gt;99%</p>	<p><b>K0794</b>   134620-00-1</p>  <p>Formula : C<sub>2</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub>Pd M.W. : 296.58 g/mole Grade : &gt;99%</p>
<p><b>K0795</b>   13782-33-7</p>  <p>Formula : Pd(NH<sub>3</sub>)<sub>2</sub>Cl<sub>2</sub> M.W. : 211.39 g/mole Grade : &gt;99%</p>	<p><b>K0796</b>   12107-56-1</p>  <p>Formula : C<sub>8</sub>H<sub>12</sub>Cl<sub>2</sub>Pd M.W. : 285.51 g/mole Grade : &gt;99%</p>	<p><b>K0798</b>   14220-64-5</p>  <p>Formula : (C<sub>6</sub>H<sub>5</sub>CN)<sub>2</sub>PdCl<sub>2</sub> M.W. : 383.57 g/mole Grade : &gt;95%</p>	<p><b>K0799</b>   19978-61-1</p>  <p>Formula : [(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>PCH<sub>2</sub>CH<sub>2</sub>P(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>]PdCl<sub>2</sub> M.W. : 575.74 g/mole Grade : &gt;98%</p>
<p><b>K0800</b>   59831-02-6</p>  <p>Formula : C<sub>27</sub>H<sub>26</sub>P<sub>2</sub> · PdCl<sub>2</sub> M.W. : 589.77 g/mole Grade : &gt;98%</p>	<p><b>K0801</b>   95464-05-4</p>  <p>Formula : C<sub>35</sub>H<sub>30</sub>Cl<sub>4</sub>FeP<sub>2</sub>Pd M.W. : 816.64 g/mole Grade : &gt;98%</p>	<p><b>K0802</b>   10025-98-6</p>  <p>Formula : K<sub>2</sub>PdCl<sub>4</sub> M.W. : 326.43 g/mole Grade : &gt;98%</p>	<p><b>K0804</b>   14024-61-4</p>  <p>Formula : Pd(C<sub>5</sub>H<sub>7</sub>O<sub>2</sub>)<sub>2</sub> M.W. : 304.64 g/mole Grade : &gt;98%</p>
<p><b>K0806</b>   14588-08-0</p>  <p>Formula : C<sub>40</sub>H<sub>36</sub>O<sub>4</sub>P<sub>2</sub>Pd M.W. : 749.08 g/mole Grade : &gt;98%</p>	<p><b>K0807</b>   29934-17-6</p>  <p>Formula : [(C<sub>6</sub>H<sub>11</sub>)<sub>3</sub>P]<sub>2</sub>PdCl<sub>2</sub> M.W. : 738.18 g/mole Grade : &gt;95%</p>	<p><b>K0808</b>   72287-26-4</p>  <p>Formula : (C<sub>17</sub>H<sub>14</sub>P)<sub>2</sub>Fe · PdCl<sub>2</sub> M.W. : 731.7 g/mole Grade : &gt;98%</p>	<p><b>K0809</b>   12012-95-2</p>  <p>Formula : C<sub>6</sub>H<sub>10</sub>Cl<sub>2</sub>Pd<sub>2</sub> M.W. : 365.89 g/mole Grade : &gt;98%</p>
<p><b>K0810</b>   32005-36-0</p>  <p>Formula : (C<sub>6</sub>H<sub>5</sub>CH=CHCOCH=CHC<sub>6</sub>H<sub>5</sub>)<sub>2</sub>Pd<sub>2</sub> M.W. : 575.00 g/mole</p>	<p><b>K0811</b>   3375-31-3</p>  <p>Formula : Pd(OCOCH<sub>3</sub>)<sub>2</sub> M.W. : 224.51 g/mole Grade : &gt;98%</p>	<p><b>K0812</b>   1295-35-8</p>  <p>Formula : C<sub>16</sub>H<sub>24</sub>Ni M.W. : 275.06 g/mole Grade : &gt;98%</p>	<p><b>K0813</b>   14264-16-5</p>  <p>Formula : [(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>P]<sub>2</sub>NiCl<sub>2</sub> M.W. : 654.17 g/mole Grade : synthesis grade</p>

Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

Head Office: 31F-5, No. 99, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22175, Taiwan. TEL: +886-2-2697-5600, FAX: +886-2-2697-5601.

Factory: 2F, No. 17, R&D Road II, Science-Based Industrial Park, Hsin-Chu 30076, Taiwan. TEL: +886-3-666-3188, FAX: +886-3-666-9288.

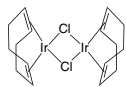
Email: sales@lumtec.com.tw, Web: www.lumtec.com.tw

# Synthetic Intermediates and Reagents

## Metal Catalysts / Reductants

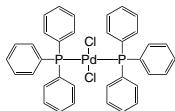
Synthetic Intermediates and Reagents

K0814 | 12112-67-3



Formula :  $C_{16}H_{24}Cl_2Ir_2$   
M.W. : 671.7 g/mole  
Grade : >97%

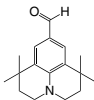
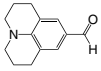
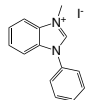


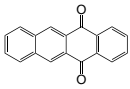
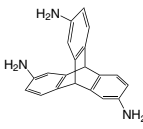
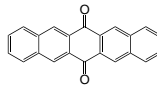
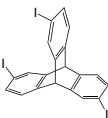

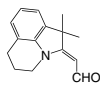
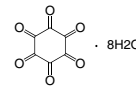
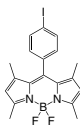
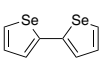
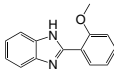
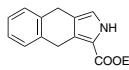
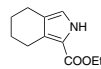
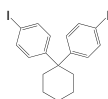
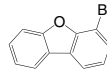
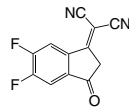
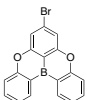
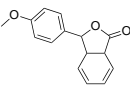
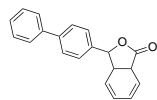
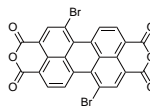
K0815 | 13965-03-2



Formula :  $[(C_6H_5)_3P]_2PdCl_2$   
M.W. : 701.9 g/mole  
Grade : >98%

# Synthetic Intermediates and Reagents

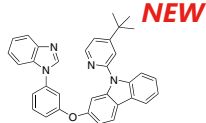
## Others

<p><b>K0040</b>   216978-79-9</p>  <p>Formula : C<sub>17</sub>H<sub>23</sub>NO M.W. : 257.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0041</b>   33985-71-6</p>  <p>Formula : C<sub>13</sub>H<sub>15</sub>NO M.W. : 201.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0055</b>   39778-14-8</p>  <p>Formula : C<sub>14</sub>H<sub>13</sub>IN<sub>2</sub> M.W. : 336.17 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0056</b>   28286-88-6</p>  <p>Formula : C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O M.W. : 172.18 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0057</b>   479-59-4</p>  <p>Formula : C<sub>12</sub>H<sub>15</sub>N M.W. : 173.25 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0070</b>   1090-13-7</p>  <p>Formula : C<sub>18</sub>H<sub>10</sub>O<sub>2</sub> M.W. : 258.27 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0451</b>   58519-06-5</p>  <p>Formula : C<sub>20</sub>H<sub>17</sub>N<sub>3</sub> M.W. : 299.37 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0488</b>   3029-32-1</p>  <p>Formula : C<sub>22</sub>H<sub>12</sub>O<sub>2</sub> M.W. : 308.33 g/mole Grade : &gt;97% (HPLC)</p>
<p><b>K0498</b>   910324-13-9</p>  <p>Formula : C<sub>20</sub>H<sub>11</sub>F<sub>3</sub> M.W. : 632.01 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0534</b>   1080-74-6</p>  <p>Formula : C<sub>12</sub>H<sub>6</sub>N<sub>2</sub>O M.W. : 194.19 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0535</b>   2459928-39-1</p>  <p>Formula : C<sub>15</sub>H<sub>17</sub>NO M.W. : 227.30 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0550</b>   527-31-1</p>  <p>Formula : C<sub>6</sub>H<sub>6</sub>O<sub>14</sub> M.W. : 312.18 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0597</b>   250734-47-5</p>  <p>Formula : C<sub>19</sub>H<sub>18</sub>BF<sub>2</sub>IN<sub>2</sub> M.W. : 450.07 g/mole Grade : &gt;97% (HPLC)</p>	<p><b>K0747</b>   6239-48-1</p>  <p>Formula : C<sub>8</sub>H<sub>6</sub>Se<sub>2</sub> M.W. : 260.05 g/mole Grade : &gt;99% (HPLC)</p>	<p><b>K0843</b>   6528-85-4</p>  <p>Formula : C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O M.W. : 224.26 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0845</b>   856650-39-0</p>  <p>Formula : C<sub>15</sub>H<sub>15</sub>NO<sub>2</sub> M.W. : 241.29 g/mole Grade : &gt;98% (HPLC)</p>
<p><b>K0846</b>   65880-17-3</p>  <p>Formula : C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub> M.W. : 193.24 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0885</b>   146823-30-5</p>  <p>Formula : C<sub>18</sub>H<sub>18</sub>I<sub>2</sub> M.W. : 488.14 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K0890</b>   89827-45-2</p>  <p>Formula : C<sub>12</sub>H<sub>7</sub>BrO M.W. : 247.09 g/mole Grade : &gt;98% (HPLC)</p>	<p><b>K1339</b>   2083617-82-5</p>  <p>Formula : C<sub>12</sub>H<sub>4</sub>F<sub>2</sub>N<sub>2</sub>O M.W. : 230.17 g/mole Grade : &gt;98%</p>
<p><b>K1761</b>  </p>  <p>Formula : C<sub>18</sub>H<sub>10</sub>BBrO<sub>2</sub> M.W. : 348.99 g/mole Grade : &gt;98%</p>	<p><b>K1767</b>  </p>  <p>Formula : C<sub>15</sub>H<sub>14</sub>O<sub>3</sub> M.W. : 242.27 g/mole Grade : &gt;98%</p>	<p><b>K1768</b>  </p>  <p>Formula : C<sub>20</sub>H<sub>16</sub>O<sub>2</sub> M.W. : 288.34 g/mole Grade : &gt;98%</p>	<p><b>K1770</b>  </p>  <p>Formula : C<sub>24</sub>H<sub>6</sub>Br<sub>2</sub>O<sub>6</sub> M.W. : 550.1 g/mole Grade : &gt;98%</p>

# Synthetic Intermediates and Reagents

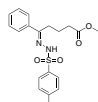
## Others

K1795 | 2264042-89-7



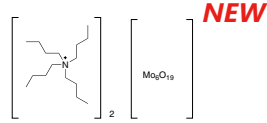
Formula : C<sub>34</sub>H<sub>28</sub>N<sub>4</sub>O  
M.W. : 508.61 g/mole  
Grade : >98%

K1796 |



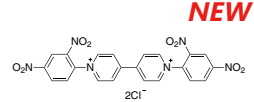
Formula : C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S  
M.W. : 374.45 g/mole  
Grade : >98%

K1820 |



Formula : C<sub>32</sub>H<sub>72</sub>Mo<sub>6</sub>N<sub>2</sub>O<sub>19</sub>  
M.W. : 1364.55 g/mole

K1821 | 41168-79-0



Formula : C<sub>22</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>8</sub>  
M.W. : 561.29 g/mole  
Grade : >97%



### LT-PP3001

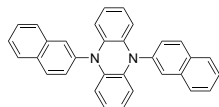
5,10-Di(naphthalen-2-yl)-5,10-dihydrophenazine

CAS No :1934269-97-2

Grade :>98%

Formula :C<sub>32</sub>H<sub>22</sub>N<sub>2</sub>

M.W. :434.53 g/mole



### LT-PP3002

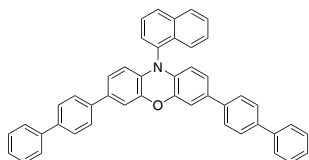
3,7-Di([1,1'-biphenyl]-4-yl)-10-(naphthalen-1-yl)-10H-phenoxazine

CAS No :1987900-95-7

Grade :>98%

Formula :C<sub>46</sub>H<sub>31</sub>NO

M.W. :613.74 g/mole



### LT-PP3003

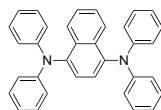
N<sub>1</sub>,N<sub>1</sub>,N<sub>4</sub>,N<sub>4</sub>-Tetraphenyl-1,4-naphthalenediamine

CAS No :244280-90-8

Grade :>98%

Formula :C<sub>34</sub>H<sub>26</sub>N<sub>2</sub>

M.W. :462.58 g/mole



### LT-PP3004

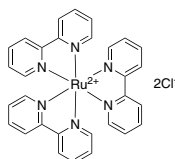
Tris(2,2'-bipyridine)dichlororuthenium

CAS No :14323-06-9

Grade :>98%

Formula :C<sub>30</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>6</sub>Ru

M.W. :640.53 g/mole



### LT-PP3005

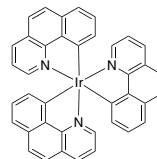
Tris(benzo[h]quinolin-10-yl) iridium (III)

CAS No :337526-98-4

Grade :>98%

Formula :C<sub>39</sub>H<sub>24</sub>IrN<sub>3</sub>

M.W. :726.84 g/mole



### LT-PP3006 [Ir(dtbbpy)(ppy)<sub>2</sub>][PF<sub>6</sub>]

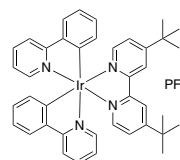
[4,4'-Bis(1,1-dimethylethyl)-2,2'-bipyridine-N<sub>1</sub>,N<sub>1'</sub>]bis[2-(2-pyridinyl-N)phenyl-C]iridium(III) hexafluorophosphate

CAS No :676525-77-2

Grade :>98%

Formula :C<sub>40</sub>H<sub>40</sub>F<sub>6</sub>IrN<sub>4</sub>P

M.W. :913.95 g/mole



### LT-PP3007

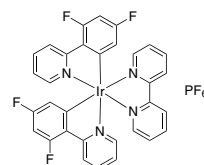
(2,2-Bipyridine)bis[2-(2,4-difluorophenyl)pyridine]iridium(III) Hexafluorophosphate

CAS No :864163-80-4

Grade :>98%

Formula :C<sub>32</sub>H<sub>20</sub>F<sub>10</sub>IrN<sub>4</sub>P

M.W. :873.7 g/mole



### LT-PP3008

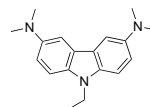
9-ethyl-N<sub>3</sub>,N<sub>3</sub>,N<sub>6</sub>,N<sub>6</sub>-tetramethyl-9H-carbazole-3,6-diamine

CAS No :57103-04-5

Grade :>98%

Formula :C<sub>18</sub>H<sub>23</sub>N<sub>3</sub>

M.W. :281.4 g/mole



### LT-PP3009

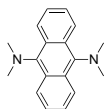
$N_9,N_9,N_{10},N_{10}$ -tetramethylantracene-9,10-diamine

CAS No :118514-17-3

Grade :>98%

Formula : $C_{18}H_{20}N_2$

M.W. :264.36 g/mole



### LT-PP3010

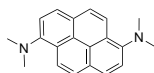
1-N,1-N,6-N,6-N-tetramethylpyrene-1,6-diamine

CAS No :10075-93-1

Grade :>98%

Formula : $C_{20}H_{20}N_2$

M.W. :288.39 g/mole



### LT-PP3011

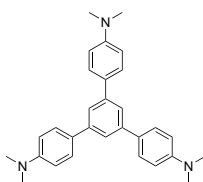
4-[3,5-Bis(4-dimethylaminophenyl)phenyl]-N,N-dimethylaniline

CAS No :128366-37-0

Grade :>98%

Formula : $C_{30}H_{33}N_3$

M.W. :435.6 g/mole



### LT-PP3012

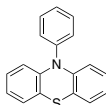
10-phenyl-10H-phenothiazine

CAS No :7152-42-3

Grade :>98%

Formula : $C_{18}H_{13}NS$

M.W. :275.37 g/mole



### LT-PP3013

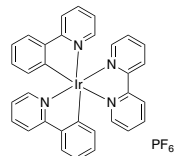
(2,2'-Bipyridine)bis(2-phenylpyridinato)iridium(III) Hexafluorophosphate

CAS No :106294-60-4

Grade :>98%

Formula : $C_{32}H_{24}F_6IrN_4P$

M.W. :801.74 g/mole



### LT-E504 fac-Ir(ppy)3

fac-Tris(2-phenylpyridine)iridium(III)

CAS No :94928-86-6

Grade :Sublimed >99%

Formula : $C_{33}H_{24}IrN_3$

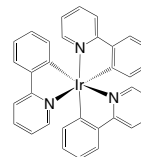
M.W. :654.78 g/mole

UV :282, 377 nm (in THF)

PL :513 nm (in THF)

TGA :>300 °C (0.5% weight loss)

Solvent :Toluene, Chloroform



### LT-N727 Ru(dtb-bpy)3·2(PF6)

Tris[4,4'-di-tert-butyl-(2,2')-bipyridine]ruthenium(III) complex

CAS No :75777-87-6

Grade :Sublimed >99%

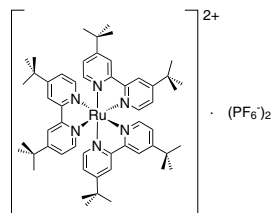
Formula : $C_{54}H_{72}F_{12}N_6P_2Ru$

M.W. :1196.19 g/mole

UV :289, 462 nm (in THF)

PL :614 nm (in THF)

TGA :>350 °C (0.5% weight loss)



### LT-PP2001

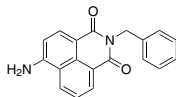
1H-Benz[de]isoquinoline-1,3(2H)-dione

CAS No :34418-97-8

Grade :>98%

Formula :C<sub>19</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :302.33 g/mole



### LT-PP2002

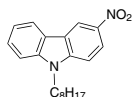
3-Nitro-9-octyl-9H-carbazole

CAS No :116734-78-2

Grade :>98%

Formula :C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :324.42 g/mole



### LT-PP2003

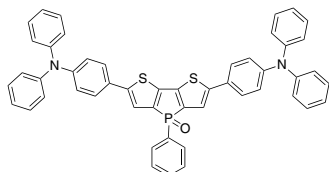
2,6-bis(4-(diphenylamino)phenyl)-4-phenyl-4H-phospholo[3,2-b:4,5-b']dithiophene 4-oxide

CAS No :957068-93-8

Grade :>98%

Formula :C<sub>50</sub>H<sub>35</sub>N<sub>2</sub>OPS<sub>2</sub>

M.W. :774.93 g/mole



### LT-PP2004

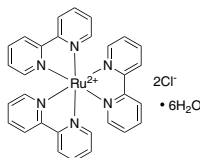
Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate

CAS No :50525-27-4

Grade :>98%

Formula :C<sub>30</sub>H<sub>36</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>6</sub>Ru

M.W. :748.62 g/mole



### LT-PP2005 Eosin Y

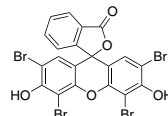
2',4',5',7'-tetrabromo-3',6'-dihydroxy-3H-spiro[isobenzofuran-1,9'-xanthen]-3-one

CAS No :15086-94-9

Grade :>98%

Formula :C<sub>20</sub>H<sub>8</sub>Br<sub>4</sub>O<sub>5</sub>

M.W. :647.89 g/mole



### LT-PP2006

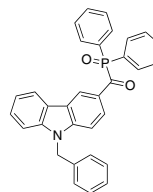
(9-benzyl-9H-carbazol-3-yl)-(diphenylphosphoryl)methanone

CAS No :2378118-12-6

Grade :>98%

Formula :C<sub>32</sub>H<sub>24</sub>NO<sub>2</sub>P

M.W. :485.51 g/mole



### LT-PP2007

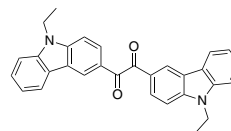
(1,2-bis(9-ethyl-9H-carbazol-3-yl)-ethane-1,2-dione

CAS No :1443059-52-6

Grade :>98%

Formula :C<sub>30</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

M.W. :444.52 g/mole



### LT-PP2008

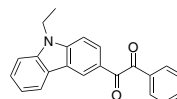
1-(9-ethyl-9H-carbazol-3-yl)-2-phenylethane-1,2-dione

CAS No :1443059-47-9

Grade :>98%

Formula :C<sub>22</sub>H<sub>17</sub>NO<sub>2</sub>

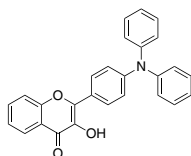
M.W. :327.38 g/mole



### LT-PP2009

[4-(diphenylamino)phenyl]-3-hydroxy-4H-1-Benzopyran-4-one

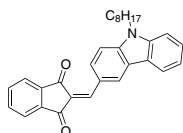
CAS No : 344363-89-9  
 Grade : > 98%  
 Formula :  $C_{27}H_{19}NO_3$   
 M.W. : 405.44 g/mole



### LT-PP2010

2-((9-octyl-9H-carbazol-3-yl)methylene)-1H-indene-1,3(2H)-dione

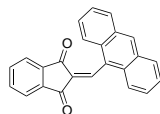
CAS No : 1515829-76-1  
 Grade : > 98%  
 Formula :  $C_{30}H_{29}NO_2$   
 M.W. : 435.56 g/mole



### LT-PP2011

2-(anthracen-9-ylmethylene)-1H-indene-1,3(2H)-dione

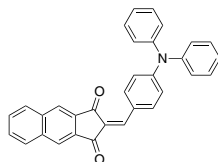
CAS No : 31060-60-3  
 Grade : > 98%  
 Formula :  $C_{24}H_{14}O_2$   
 M.W. : 334.37 g/mole



### LT-PP2012

2-[[4-(diphenylamino)phenyl]methylene]-1H-Benz[f]indene-1,3(2H)-dione

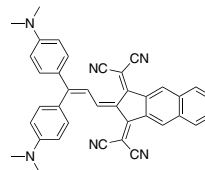
CAS No : 301301-23-5  
 Grade : > 98%  
 Formula :  $C_{32}H_{21}NO_2$   
 M.W. : 451.51 g/mole



### LT-PP2013

2,2'-(2-(3,3-bis(4-(dimethylamino)phenyl)-allylidene)-1H-cyclopenta[b]naphthalene-1,3(2H)-diylidene)dimalononitrile

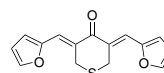
CAS No : 2768002-62-4  
 Grade : > 98%  
 Formula :  $C_{38}H_{28}N_6$   
 M.W. : 568.67 g/mole



### LT-PP2014

3,5-bis(2-furanylmethylene)tetrahydro-(3Z,5Z)-4H-thiopyran-4-one

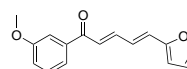
CAS No : 869300-24-3  
 Grade : > 98%  
 Formula :  $C_{15}H_{12}O_3S$   
 M.W. : 272.32 g/mole



### LT-PP2015

(2E,4E)-5-(furan-2-yl)-1-(3-methoxyphenyl)penta-2,4-dien-1-one

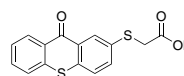
CAS No : 2550335-06-1  
 Grade : > 98%  
 Formula :  $C_{16}H_{14}O_3$   
 M.W. : 254.28 g/mole



### LT-PP2016

2-((9-oxo-9H-thioxanthen-2-yl)thio)acetic acid

CAS No : 620170-13-0  
 Grade : > 98%  
 Formula :  $C_{15}H_{10}O_3S_2$   
 M.W. : 302.37 g/mole



### LT-PP2017

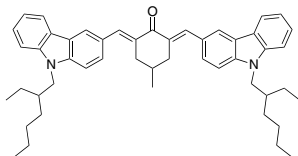
(2E,6E)-2,6-bis((9-(2-ethylhexyl)-9H-carbazol-3-yl)methylene)-4-methylcyclohexanone

CAS No :2408732-35-2

Grade :>98%

Formula :C<sub>49</sub>H<sub>58</sub>N<sub>2</sub>O

M.W. :691 g/mole



### LT-PP2018

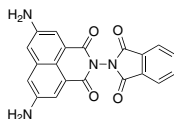
5,8-diamino-2-(1,3-dioxoisindolin-2-yl)-1H-benzo[de]isoquinoline-1,3(2H)-dione

CAS No :1667735-64-9

Grade :>98%

Formula :C<sub>20</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>

M.W. :372.33 g/mole



### LT-PP2019

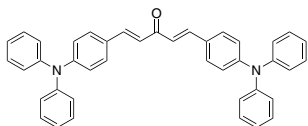
1,5-bis[4-(diphenylamino)phenyl]-1,4-pentadien-3-one

CAS No :209862-39-5

Grade :>98%

Formula :C<sub>41</sub>H<sub>32</sub>N<sub>2</sub>O

M.W. :568.71 g/mole



### LT-PP2020

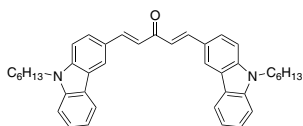
1,5-bis(9-hexyl-9H-carbazol-3-yl)-1,4-pentadien-3-one

CAS No :2382847-11-0

Grade :>98%

Formula :C<sub>41</sub>H<sub>44</sub>N<sub>2</sub>O

M.W. :580.8 g/mole



### LT-D0005 ZnTPP

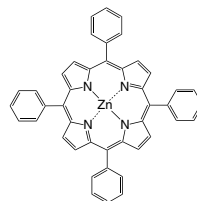
Zinc(II) meso-tetraphenylporphine

CAS No :14074-80-7

Grade :>98% (HPLC)

Formula :C<sub>44</sub>H<sub>28</sub>N<sub>4</sub>Zn

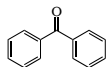
M.W. :678.11 g/mole



### LT-PP1001

Benzophenone

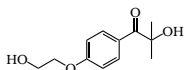
CAS No : 119-61-9  
 Grade : >98%  
 Formula :  $C_{13}H_{10}O$   
 M.W. : 182.22 g/mole



### LT-PP1002

2-Hydroxy-4'-(2-hydroxyethoxy)-2-methylpropiophenone

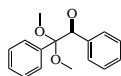
CAS No : 106797-53-9  
 Grade : >98%  
 Formula :  $C_{12}H_{16}O_4$   
 M.W. : 224.25 g/mole



### LT-PP1003

2,2-Dimethoxy-2-phenylacetophenone

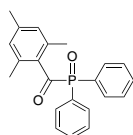
CAS No : 24650-42-8  
 Grade : >98%  
 Formula :  $C_{16}H_{16}O_3$   
 M.W. : 256.3 g/mole



### LT-PP1004

Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

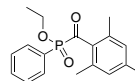
CAS No : 75980-60-8  
 Grade : >98%  
 Formula :  $C_{22}H_{21}O_2P$   
 M.W. : 348.37 g/mole



### LT-PP1005

Ethyl Phenyl(2,4,6-trimethylbenzoyl)phosphinate

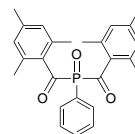
CAS No : 84434-11-7  
 Grade : >98%  
 Formula :  $C_{18}H_{21}O_3P$   
 M.W. : 316.33 g/mole



### LT-PP1006

(phenylphosphoryl)bis(mesityl)methanone

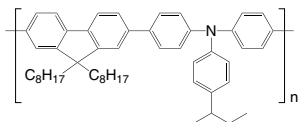
CAS No : 628181-26-8  
 Grade : >98%  
 Formula :  $C_{26}H_{27}O_3P$   
 M.W. : 418.46 g/mole



### LT-N148 | TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(4-sec-butylphenyl)diphenylamine)]

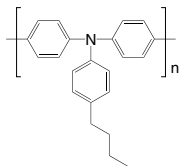
CAS No. :220797-16-0  
 Grade :Mw > 30,000 (GPC)  
 Formula : $(C_{51}H_{61}N)_n$   
 UV :389 nm (in  $CH_2Cl_2$ )  
 PL :443 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CH_2Cl_2$ , Toluene,  $CHCl_3$



### LT-N149 | Poly-TPD

Poly[N,N'-bis(4-butylphenyl)-N,N'-bis(phenyl)-benzidine]

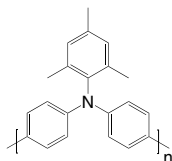
CAS No. :472960-35-3  
 Grade :Mw = 20,000~200,000 (GPC)  
 Formula : $(C_{22}H_{21}N)_n$   
 UV :371, 388 nm (in  $CH_2Cl_2$ )  
 PL :424 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene



### LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

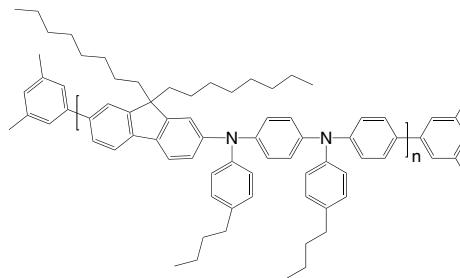
CAS No. :1333317-99-9  
 Grade :Mw = 20,000~100,000 (GPC)  
 Formula : $(C_{21}H_{19}N)_n$   
 UV :388 nm (in  $CH_2Cl_2$ )  
 PL :424 nm (in  $CH_2Cl_2$ )  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N169

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(N,N'-diphenyl)-N,N'-di(p-butylphenyl)-1,4-diaminobenzene]] end capped with dimethylphenyl

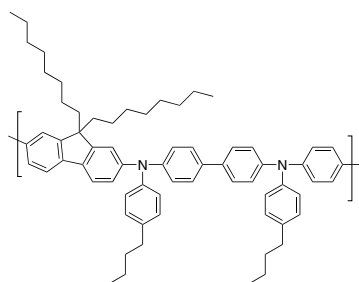
Grade :Mw > 10,000 (GPC)  
 Formula : $C_{16}H_{18}(C_{67}H_{78}N_2)_n$   
 UV :380 nm (in THF)  
 PL :494 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N170 | BFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(4-butylphenyl)-benzidine-N,N'-[1,4-diphenylene]]]

CAS No. :223569-32-2  
 Grade :Mw > 10,000 (GPC)  
 Formula : $(C_{73}H_{82}N_2)_n$   
 UV :380 nm (in THF)  
 PL :435 nm (in THF)  
 Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N171 | PFHB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis-(p-butylphenyl)-1,4-diaminophenylene)]

CAS No. :870517-32-1

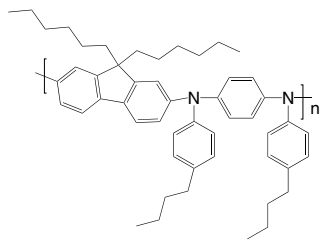
Grade :Mw > 10,000 (GPC)

Formula : $(C_{51}H_{62}N_2)_n$

UV :398 nm (in THF)

PL :425 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N172

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(p-butylphenyl)-1,1'-biphenylene-4,4'-diamine)]

CAS No. :1115424-53-7

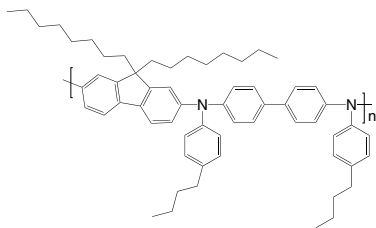
Grade :Mw > 10,000 (GPC)

Formula : $(C_{61}H_{74}N_2)_n$

UV :397 nm (in THF)

PL :420 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-N174

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(p-butylphenyl))diphenylamine)]

CAS No. :223569-31-1

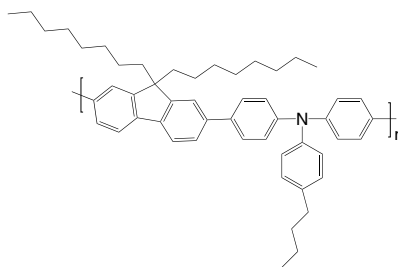
Grade :Mw > 30,000 (GPC)

Formula : $(C_{51}H_{61}N)_n$

UV :385 nm (in THF)

PL :434 nm (in THF)

Solvent :Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



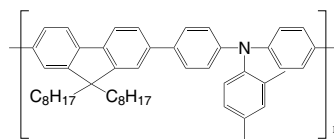
### LT-N188 | PF8-TAA

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(2,4-dimethylphenyl))diphenylamine)]

CAS No. :1178569-78-2

Grade :Mw = 20,000~50,000

Formula : $(C_{49}H_{57}N)_n$

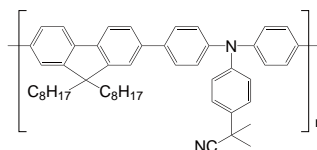


### LT-N189 | iPrCN / CNPr-TFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(diphenylamine))-(2-cyanoisopropylphenyl))]

Grade :Mw = 10,000~100,000 (GPC)

Formula : $(C_{51}H_{58}N_2)_n$





### LT-N1021 | 1F-PTAA

**NEW**

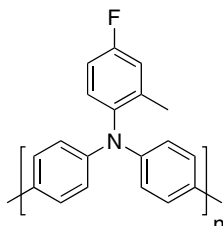
Poly(bis(4-phenyl)(4-fluoro-2-methylphenyl)amine

Grade :Mw >20,000

Formula : $(C_{19}H_{14}FN)_n$

HOMO : -5.52 eV

LUMO : -2.55 eV



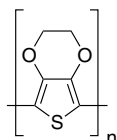
### LT-EC015 | PEDOT

**NEW**

Poly(3,4-ethylenedioxythiophene)

CAS No. :126213-51-2

Formula : $(C_6H_4O_2S)_n$



### LT-EC016 | PANI

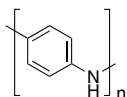
**NEW**

Polyaniline (emeraldine base)

CAS No. :25233-30-1

Grade :Mw >10,000

Formula : $(C_6H_5N)_n$



### LT-EC017 | PPy

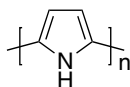
**NEW**

Polypyrrole

CAS No. :30604-81-0

Grade :10-50 S/cm (pressed pellet)

Formula : $(C_4H_3N)_n$



### LT-EC019

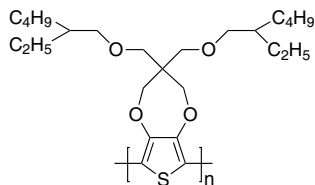
**NEW**

2H-Thieno[3,4-b][1,4]dioxepin, 3,3-bis[[2-ethylhexyl)oxy]methyl]-3,4-dihydro

CAS No. :634591-76-7

Grade :Mw >50,000

Formula : $(C_{25}H_{42}O_4S)_n$



### LT-EC022 | PEGMA

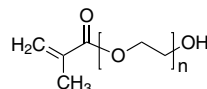
**NEW**

Poly(ethylene glycol) methacrylate

CAS No. :25736-86-1

Grade :Mw~500

Formula : $C_4H_5O(C_2H_4O)_nOH$



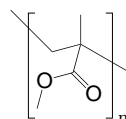
### P214000000 | PMMA

Poly(methyl methacrylate)

CAS No. :9011-14-7

Grade :Mw >350,000

Formula : $[CH_2C(CH_3)(CO_2CH_3)]_n$



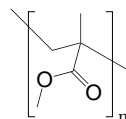
### P215000000 | PMMA

Poly(methyl methacrylate)

CAS No. :9011-14-7

Grade :Mw >10,000~35,000

Formula : $[CH_2C(CH_3)(CO_2CH_3)]_n$



### LT-S909 | P3HT

Poly(3-hexylthiophene-2,5-diyl)

CAS No. : 110134-47-9 / 104934-50-1

Grade : Mw >45,000 (GPC); Electronic Grade

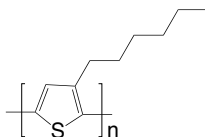
: Regio Regular >93%

Formula :  $(C_{10}H_{14}S)_n$

UV : 445 nm (in THF)

PL : 564 nm (in THF)

Solvent : Soluble in  $CHCl_3$ , Chlorobenzene, Dichlorobenzene



### LT-PS001 | PEDOT:PSS

Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

#### Specification

CAS No. : 155090-83-8

Description : Aqueous dispersion, blue liquid.

Sodium : Max. 400 ppm

Sulfate : Max. 40 ppm

Solid content: 1.3 - 1.7 wt%

PSD d50 : 80 nm

PSD d90 : 100 nm

Resistivity : 500-5000  $\Omega$ cm

Viscosity : 5-12 mPas

#### Technical Data (guide values, not a specification)

Form : liquid

Odour : odourless

Colour : dark blue

PEDOT:PSS ratio: 1:6 (by weight)

PEDOT work function: approx 5.2 eV

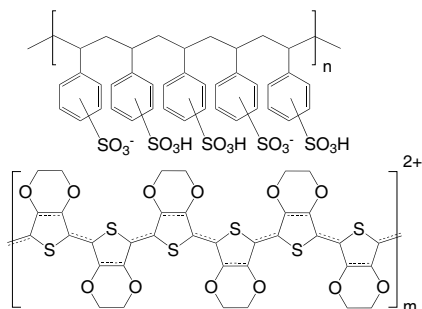
pH : 1.2 - 2.2 at 20 °C

Boiling Point : approx 100 °C

#### Storage:

The product is sensitive to frost and should therefore not be stored at temperatures below 5 °C.

Avoid freezing!



### K0004

9,9'-Spirobifluorene

CAS No. :159-66-0

Grade :>98% (HPLC)

Formula :C<sub>25</sub>H<sub>16</sub>

M.W. :316.39 g/mole



### K0033

9,9'-Spirobifluorene-2,2'-diamine

CAS No. :67665-45-6

Grade :>98% (HPLC)

Formula :C<sub>25</sub>H<sub>18</sub>N<sub>2</sub>

M.W. :346.42 g/mole



### K0092

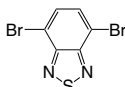
4,7-Dibromobenzo[c][1,2,5]thiadiazole

CAS No. :15155-41-6

Grade :>98% (HPLC)

Formula :C<sub>6</sub>H<sub>2</sub>Br<sub>2</sub>N<sub>2</sub>S

M.W. :293.97 g/mole



### K0094

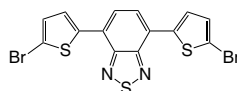
4,7-Bis(5-bromothiophen-2-yl)benzo[c][1,2,5]thiadiazole

CAS No. :288071-87-4

Grade :>98% (HPLC)

Formula :C<sub>14</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>S<sub>3</sub>

M.W. :458.21 g/mole



### K0264

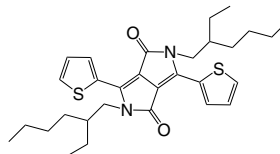
2,5-Bis(2-ethylhexyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAS No. :1185885-86-2

Grade :>97% (NMR)

Formula :C<sub>30</sub>H<sub>40</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

M.W. :524.78 g/mole



### K0291

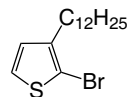
2-Bromo-3-dodecylthiophene

CAS No. :139100-06-4

Grade :>96% (HPLC)

Formula :C<sub>16</sub>H<sub>27</sub>BrS

M.W. :331.35 g/mole



### K0330

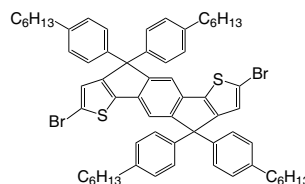
2,7-Dibromo-4,9-dihydro-4,4,9,9-tetrakis(4-hexylphenyl)-s-indaceno[1,2-b:5,6-b']dithiophene

CAS No. :1049034-71-0

Grade :>98% (HPLC)

Formula :C<sub>64</sub>H<sub>72</sub>Br<sub>2</sub>S<sub>2</sub>

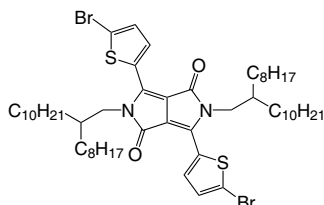
M.W. :1065.19 g/mole



## K0445

3,6-Bis(5-bromothiophen-2-yl)-2,5-bis(2-octyldodecyl)pyrrole  
[3,4-c]pyrrole-1,4(2H,5H)-dione

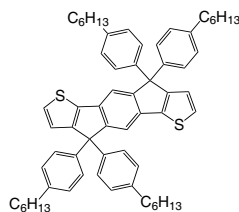
CAS No. :1260685-63-9  
Grade :>98% (HPLC)  
Formula :C<sub>54</sub>H<sub>86</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>  
M.W. :1019.21 g/mole



## K0555

4,9-Dihydro-4,4,9,9-tetrakis(4-hexylphenyl)-s-indaceno[1,2-b  
:5,6-b']dithiophene

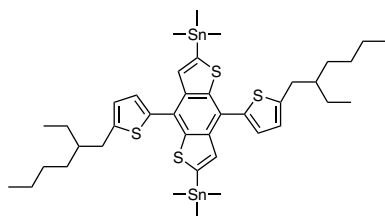
CAS No. :1049034-67-4  
Grade :>98% (HPLC)  
Formula :C<sub>64</sub>H<sub>74</sub>S<sub>2</sub>  
M.W. :907.4 g/mole



## K0560

2,6-Bis(trimethyltin)-4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)  
benzo[1,2-b:4,5-b']dithiophene

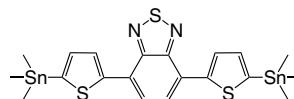
CAS No. :1352642-37-5  
Grade :>98% (NMR)  
Formula :C<sub>40</sub>H<sub>58</sub>S<sub>4</sub>Sn<sub>2</sub>  
M.W. :904.57 g/mole



## K0664

4,7-Bis(5-(trimethylstannyl)thiophen-2-yl)benzo[c][1,2,5]  
thiadiazole

CAS No. :1025451-57-3  
Grade :>98% (NMR)  
Formula :C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>S<sub>3</sub>Sn<sub>2</sub>  
M.W. :626.03 g/mole



## K0735

2-Bromothiophene

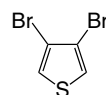
CAS No. :1003-09-4  
Grade :>98% (HPLC)  
Formula :C<sub>4</sub>H<sub>3</sub>BrS  
M.W. :163.04 g/mole



## K0737

3,4-Dibromothiophene

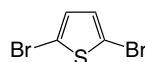
CAS No. :3141-26-2  
Grade :>98% (HPLC)  
Formula :C<sub>4</sub>H<sub>2</sub>Br<sub>2</sub>S  
M.W. :241.93 g/mole



## K0738

2,5-Dibromothiophene

CAS No. :3141-27-3  
Grade :>98% (HPLC)  
Formula :C<sub>4</sub>H<sub>2</sub>Br<sub>2</sub>S  
M.W. :241.93 g/mole



### K1128 | EDOT

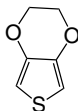
2,3-dihydrothieno[3,4-b][1,4]dioxine

CAS No. :126213-50-1

Grade :>99%

Formula :C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>S

M.W. :142.18 g/mole



### K1207

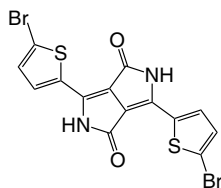
3,6-Bis(5-bromothiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAS No. :777079-55-7

Grade :>98%

Formula :C<sub>14</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

M.W. :458.15 g/mole



### K1210

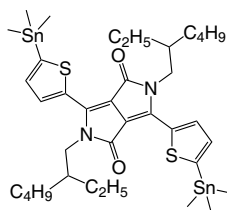
2,5-Bis(2-ethylhexyl)-3,6-bis(5-(trimethylstannyl)thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione

CAS No. :1392422-47-7

Grade :>98%

Formula :C<sub>36</sub>H<sub>56</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>Sn<sub>2</sub>

M.W. :850.39 g/mole



### K1214

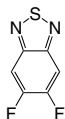
5,6-Difluorobenzo[c][1,2,5]thiadiazole

CAS No. :1293389-28-2

Grade :>98%

Formula :C<sub>6</sub>H<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S

M.W. :172.16 g/mole



### K1217

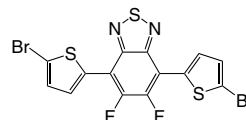
4,7-Bis(5-bromothiophen-2-yl)-5,6-difluorobenzo[c][1,2,5]thiadiazole

CAS No. :1304773-89-4

Grade :>98%

Formula :C<sub>14</sub>H<sub>4</sub>Br<sub>2</sub>F<sub>2</sub>N<sub>2</sub>S<sub>3</sub>

M.W. :494.19 g/mole



### K1220

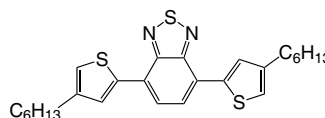
4,7-Bis(4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole

CAS No. :761416-46-0

Grade :>98%

Formula :C<sub>26</sub>H<sub>32</sub>N<sub>2</sub>S<sub>3</sub>

M.W. :468.74 g/mole



### K1221

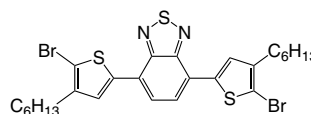
4,7-Bis(5-bromo-4-hexylthiophen-2-yl)benzo[c][1,2,5]thiadiazole

CAS No. :444579-39-9

Grade :>98%

Formula :C<sub>26</sub>H<sub>30</sub>Br<sub>2</sub>N<sub>2</sub>S<sub>3</sub>

M.W. :626.53 g/mole



### LT-EC010

**NEW**

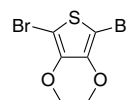
5,7-Dibromo-2,3-dihydrothieno[3,4-b][1,4]dioxine

CAS No. :174508-31-7

Grade :>98%

Formula :C<sub>6</sub>H<sub>4</sub>Br<sub>2</sub>O<sub>2</sub>S

M.W. :299.97 g/mole

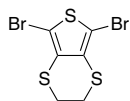


### LT-EC011

**NEW**

2,5-Dibromo-3,4-Ethylenedithiophene

CAS No. :623573-55-7  
 Grade :>98%  
 Formula :C<sub>6</sub>H<sub>4</sub>Br<sub>2</sub>S<sub>3</sub>  
 M.W. :332.1 g/mole



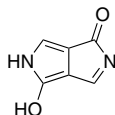
### LT-EC012

DPP

**NEW**

Diketopyrrolopyrrole

CAS No. :114482-12-1  
 Grade :>95%  
 Formula :C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>  
 M.W. :136.11 g/mole

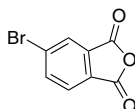


### LT-EC013

**NEW**

5-Bromoisobenzofuran-1,3-dione

CAS No. :86-90-8  
 Grade :>97%  
 Formula :C<sub>8</sub>H<sub>3</sub>BrO<sub>3</sub>  
 M.W. :227.01 g/mole

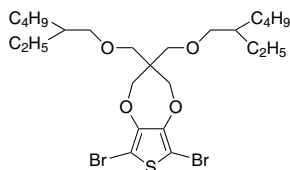


### LT-EC018

**NEW**

6,8-Dibromo-3,3-bis((2-ethylhexyl)oxy)methyl)-3,4-dihydro-2H-thieno[3,4-b][1,4]dioxepine

CAS No. :700817-08-9  
 Grade :>99%  
 Formula :C<sub>25</sub>H<sub>42</sub>Br<sub>2</sub>O<sub>4</sub>S  
 M.W. :598.47 g/mole



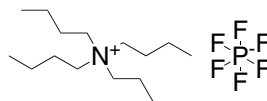
### LT-EC020

TBAPF6

**NEW**

Tetrabutylammonium hexafluorophosphate

CAS No. :3109-63-5  
 Grade :>99%  
 Formula :C<sub>16</sub>H<sub>36</sub>F<sub>6</sub>NP  
 M.W. :387.43 g/mole



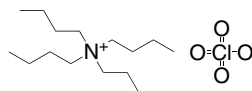
### LT-EC021

TBAP

**NEW**

Tetrabutylammonium perchlorate

CAS No. :1923-70-2  
 Grade :>98%  
 Formula :C<sub>16</sub>H<sub>36</sub>ClNO<sub>4</sub>  
 M.W. :341.91 g/mole

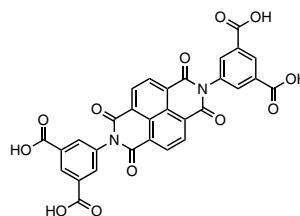


### LT-MOF0226

H4BIPA-TC

5,5'-(1,3,6,8-tetraoxo-1,3,6,8-tetrahydrobenzo[Imn][3,8]phenanthroline-2,7-diy) dibenzene-1,3-dicarboxylic acid

CAS No. :350024-36-1  
 Grade :>95%  
 Formula :C<sub>30</sub>H<sub>14</sub>N<sub>2</sub>O<sub>12</sub>  
 M.W. :594.44 g/mole

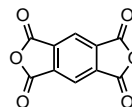


### T0001

PMDA

Pyromellitic Dianhydride

CAS No. :89-32-7  
 Grade :>99%  
 Formula :C<sub>10</sub>H<sub>2</sub>O<sub>6</sub>  
 M.W. :218.12 g/mole



### T0002 | BTDA

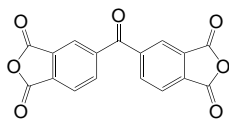
3,3',4,4'-Benzophenonetetracarboxylic Dianhydride

CAS No. :2421-28-5

Grade :>98%

Formula :C<sub>17</sub>H<sub>6</sub>O<sub>7</sub>

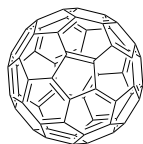
M.W. :322.23 g/mole



### LT-S903 | C<sub>60</sub>

Fullerene-C<sub>60</sub>

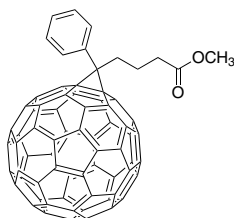
CAS No. :99685-96-8  
 Grade :>99.9% / >99.5%  
 Formula :C<sub>60</sub>  
 M.W. :720.64 g/mole  
 UV :251 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>450 °C (0.5% weight loss)



### LT-S905 | PCBM

(6,6)-Phenyl C<sub>61</sub> butyric acid methyl ester

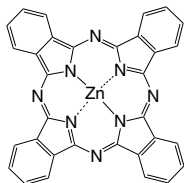
CAS No. :160848-22-6  
 Grade :>99.5%  
 Formula :C<sub>72</sub>H<sub>14</sub>O<sub>2</sub>  
 M.W. :910.88 g/mole  
 UV :258, 328 nm (in THF)



### LT-S906 | ZnPC

Zinc phthalocyanine

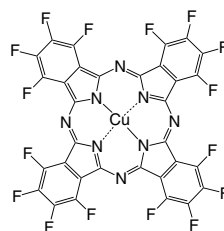
CAS No :14320-04-8  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Zn  
 M.W. :577.92 g/mole  
 PL :534 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-S928 | F16CuPC

Copper(II)1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

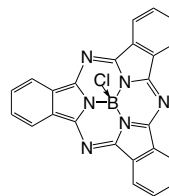
CAS No. :14916-87-1  
 Grade :Sublimed product  
 Formula :C<sub>32</sub>CuF<sub>16</sub>N<sub>8</sub>  
 M.W. :863.93 g/mole  
 UV :690 nm (in THF)  
 TGA :>400 °C (0.5% weight loss)



### LT-S943 | SubPC

Boron subphthalocyanine chloride

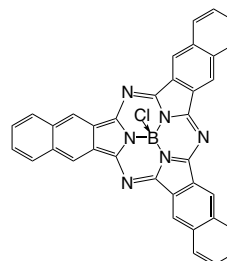
CAS No. :36530-06-0  
 Grade :Sublimed >99%  
 Formula :C<sub>24</sub>H<sub>12</sub>BN<sub>6</sub>Cl  
 M.W. :430.66 g/mole  
 UV :565 nm (in DMF)  
 PL :577 nm (in DMF)  
 TGA :>340 °C (0.5% weight loss)



### LT-S947 | SubNC

Boron sub-2,3-naphthalocyanine chloride

CAS No :142710-56-3  
 Grade :Sublimed >99%  
 Formula :C<sub>36</sub>H<sub>18</sub>BClN<sub>6</sub>  
 M.W. :580.83 g/mole  
 UV :658 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>370 °C (0.5% weight loss)

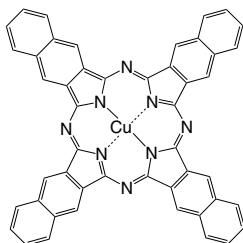




### LT-S962 | CuNC

Copper(II) 2,3-naphthalocyanine

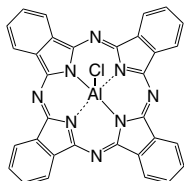
CAS No :33273-09-5  
 Grade :Sublimed >99% (TGA)  
 Formula :C<sub>48</sub>H<sub>24</sub>CuN<sub>8</sub>  
 M.W. :776.30 g/mole  
 UV :681 nm (in CH<sub>2</sub>Cl<sub>2</sub>)  
 TGA :>430 °C (0.5% weight loss)



### LT-S9025 | AlPCCl

Aluminum phthalocyanine chloride

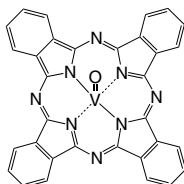
CAS No :14154-42-8  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>16</sub>AlClN<sub>8</sub>  
 M.W. :574.97 g/mole  
 UV :675 nm (in DMF)  
 TGA :>370 °C (0.5% weight loss)



### LT-S9053 | VOPC

Oxyvanadium phthalocyanine

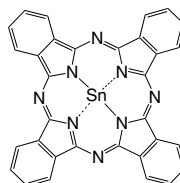
CAS No :13930-88-6  
 Grade :Sublimed product  
 Formula :C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>OV  
 M.W. :579.47 g/mole  
 UV :338, 684 nm (in CH<sub>2</sub>Cl<sub>2</sub>)



### LT-S9086 | SnPC

Tin(II) phthalocyanine

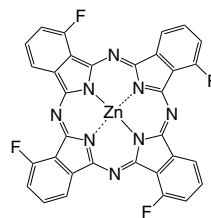
CAS No :15304-57-1  
 Grade :Sublimed product  
 Formula :C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Sn  
 M.W. :631.25 g/mole



### LT-S9171 | F4ZnPC

Zinc(II)-1,8,15,22-tetrafluoro-29H,31H-phthalocyanine, mixture of isomers

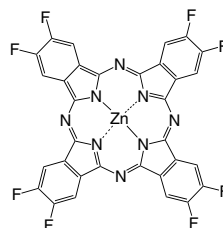
CAS No :1120355-28-3  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>12</sub>F<sub>4</sub>N<sub>8</sub>Zn  
 M.W. :649.89 g/mole  
 UV :681 nm (in CHCl<sub>3</sub>)  
 TGA :>250 °C (0.5% weight loss)



### LT-S9172 | F8ZnPC

Zinc(II)-2,3,9,10,16,17,23,24-octafluoro-29H,31H-phthalocyanine

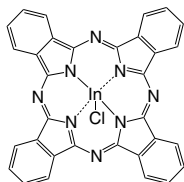
CAS No. :676519-80-5  
 Grade :Sublimed >99%  
 Formula :C<sub>32</sub>H<sub>8</sub>F<sub>8</sub>N<sub>8</sub>Zn  
 M.W. :721.86 g/mole  
 UV :338, 656 nm (in DMF)  
 TGA :>300 °C (0.5% weight loss)



### LT-S9176 | InClPC

Indium(III) phthalocyanine chloride

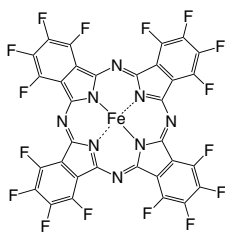
CAS No :19631-19-7  
 Grade :Sublimed >99%  
 Formula : $C_{32}H_{16}ClInN_8$   
 M.W. :662.79 g/mole  
 UV :358, 683 nm (in  $CHCl_3$ )  
 TGA :>300 °C (0.5% weight loss)



### LT-S9177 | F16FePC

Iron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

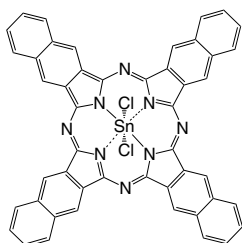
CAS No. :23844-93-1  
 Grade :Sublimed >99%  
 Formula : $C_{32}F_{16}FeN_8$   
 M.W. :856.22 g/mole  
 UV :333, 627 nm (in Acetone)  
 TGA :>300 °C (0.5% weight loss)



### LT-S9180 | SnNCCl2

Tin(IV) 2,3-naphthalocyanine dichloride

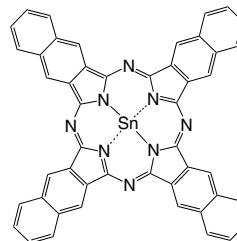
CAS No :26857-61-4  
 Grade :Sublimed product  
 Formula : $C_{48}H_{24}Cl_2N_8Sn$   
 M.W. :902.37 g/mole  
 TGA :>300 °C (0.5% weight loss)



### LT-S9182 | SnNC

Tin(II) 2,3-naphthalocyanine

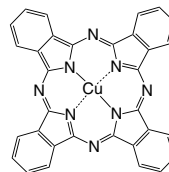
CAS No :110479-58-8  
 Grade :Sublimed product  
 Formula : $C_{48}H_{24}N_8Sn$   
 M.W. :831.47 g/mole  
 TGA :>300 °C (0.5% weight loss)



### LT-E201 | CuPC

Copper(II) phthalocyanine

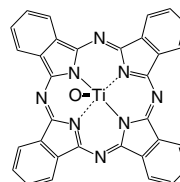
CAS No. :147-14-8  
 Grade :Sublimed >99% / Unsublimed >97%  
 Formula : $C_{32}H_{16}CuN_8$   
 M.W. :576.08 g/mole  
 UV :345, 631 nm (in  $CH_2Cl_2$ )  
 PL :404 nm (film)  
 TGA :>430 °C (0.5% weight loss)



### LT-E206 | TiOPC

Titanium oxide phthalocyanine

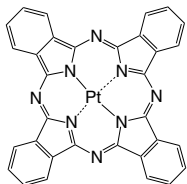
CAS No :26201-32-1  
 Grade :Sublimed >99%  
 Formula : $C_{32}H_{16}N_8OTi$   
 M.W. :576.39 g/mole  
 UV :349, 692 nm (in  $CH_2Cl_2$ )  
 PL :392 nm (film)  
 TGA :>440 °C (0.5% weight loss)



### LT-N219 | PtPC

Phthalocyanine platinum

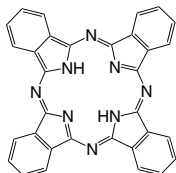
CAS No. :14075-08-2  
 Grade :Sublimed >99%  
 Formula : $C_{32}H_{16}N_8Pt$   
 M.W. :707.6 g/mole  
 UV :228, 270 nm (in  $CH_2Cl_2$ )  
 PL :372.5 nm (in  $CH_2Cl_2$ )  
 TGA :>460 °C (0.5% weight loss)



### LT-N222 | H2PC

Phthalocyanine

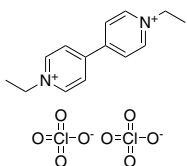
CAS No. :574-93-6  
 Grade :Sublimed >98%  
 Formula : $C_{32}H_{18}N_8$   
 M.W. :514.54 g/mole  
 UV :279, 693 nm  
 PL :418 nm  
 TGA :>350 °C (0.5% weight loss)



### LT-EC014 | EV

Ethyl viologen dperchlorate

CAS No. :36305-51-8  
 Grade :>98%  
 Formula : $C_{14}H_{18}Cl_2N_2O_8$   
 M.W. :413.21 g/mole

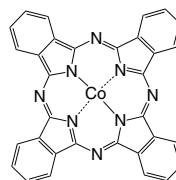


**NEW**

### LT-D2001 | CoPC

Cobalt(II) phthalocyanine

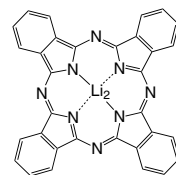
CAS No. :3317-67-7  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}CoN_8$   
 M.W. :571.47 g/mole



### LT-D2002 | Li2PC

Dilithium phthalocyanine

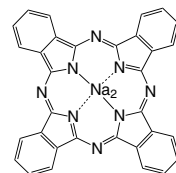
CAS No. :25510-41-2  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}Li_2N_8$   
 M.W. :526.42 g/mole  
 UV :658 nm (in DMF)



### LT-D2003 | Na2PC

Disodium phthalocyanine

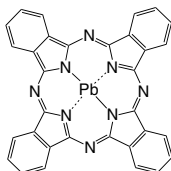
CAS No. :25476-27-1  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}Na_2N_8$   
 M.W. :558.52 g/mole  
 UV :656, 692 nm (in  $CHCl_3$ )



### LT-D2004 | PbPC

#### Lead(II) phthalocyanine

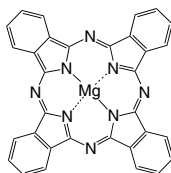
CAS No :15187-16-3  
 Grade :Sublimed >99%  
 Formula : $C_{32}H_{16}N_8Pb$   
 M.W. :719.74 g/mole  
 UV :698 nm (in DMF)



### LT-D2006 | MgPC

#### Magnesium(II) phthalocyanine

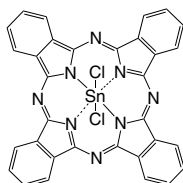
CAS No :1661-03-6  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}N_8Mg$   
 M.W. :536.84 g/mole  
 UV :668 nm (in DMF)



### LT-D2008 | SnCl2PC

#### Tin(IV) phthalocyanine dichloride

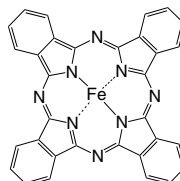
CAS No :18253-54-8  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}Cl_2N_8Sn$   
 M.W. :702.15 g/mole



### LT-D2009 | FePC

#### Iron(II) phthalocyanine

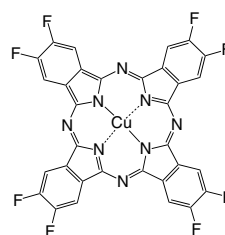
CAS No :132-16-1  
 Grade :Sublimed product  
 Formula : $C_{32}H_{16}FeN_8$   
 M.W. :568.38 g/mole  
 UV :675 nm (in DMF)



### LT-D2010 | 2,3-F8CuPC

#### Copper(II) 2,3,9,10,16,17,23,24-octafluorophthalocyanine

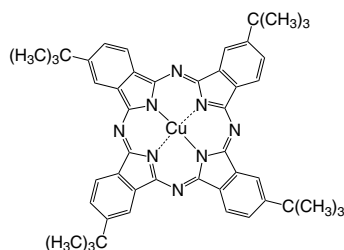
CAS No. :148651-60-9  
 Grade :Sublimed product  
 Formula : $C_{32}H_8CuF_8N_8$   
 M.W. :720.01 g/mole



### LT-D2011

#### Copper(II) 2,9,16,23-tetra-tert-butylphthalocyanine

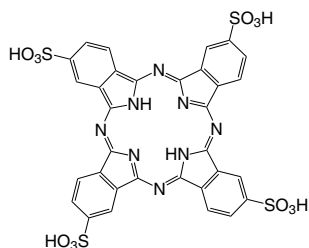
CAS No :39001-64-4  
 Grade :Sublimed product  
 Formula : $C_{48}H_{48}CuN_8$   
 M.W. :800.51 g/mole  
 UV :672 nm (in DMF)



### LT-D2012

#### Phthalocyanine tetrasulfonic acid

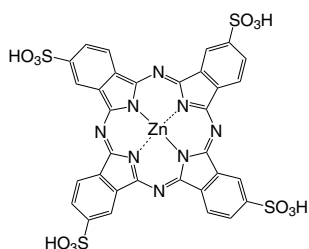
CAS No :33308-41-7  
 Grade :>96% (with isomers)  
 Formula : $C_{32}H_{18}N_8O_{12}S_4$   
 M.W. :834.79 g/mole



### LT-D2013

#### Zinc(II) phthalocyanine tetrasulfonic acid

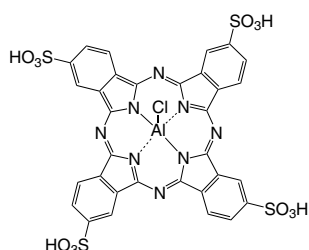
CAS No :61586-86-5  
 Grade :>96% (with isomers)  
 Formula : $C_{32}H_{16}N_8O_{12}S_4Zn$   
 M.W. :898.19 g/mole



### LT-D2014

#### Aluminum(III) phthalocyanine chloride tetrasulfonic acid

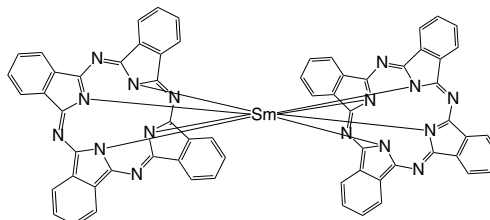
CAS No :100180-30-1  
 Grade :>96% (with isomers)  
 Formula : $C_{32}H_{16}AlClN_8O_{12}S_4$   
 M.W. :895.21 g/mole



### LT-D2015 SmPC2

#### Bis(2(3),9(10),16(17),23(24)-tetrakis-(3,4-phenyl)-phthalocyaninato)samarium(III)

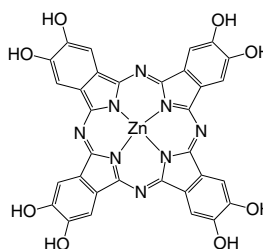
CAS No :82800-48-4  
 Grade :>99%  
 Formula : $C_{64}H_{32}N_{16}Sm$   
 M.W. :1175.41 g/mole



### LT-D2016 [OH]8ZnPC

#### 2,3,9,10,16,17,23,24-Octahydroxy-phthalocyaninato zinc(II)

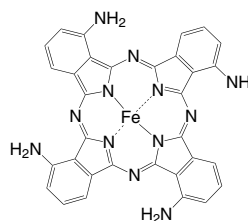
CAS No :121322-70-1  
 Grade :>95%  
 Formula : $C_{32}H_{16}N_8O_8Zn$   
 M.W. :705.93 g/mole



### LT-D2017

#### Iron(II) 1,8,15,22-tetraamino-phthalocyanine

Grade :>95%  
 Formula : $C_{32}H_{20}FeN_{12}$   
 M.W. :628.43 g/mole



## LT-D2018

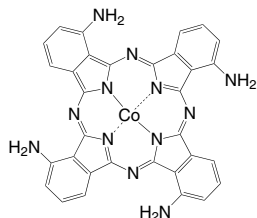
Cobalt(II) 1,8,15,22-tetraamino-phthalocyanine

CAS No :77135-78-5

Grade :&gt;95%

Formula :C<sub>32</sub>H<sub>20</sub>CoN<sub>12</sub>

M.W. :631.51 g/mole



## LT-D2019

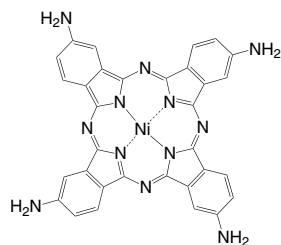
Nickel(II) 2,9,16,23-tetraamino-phthalocyanine

CAS No :27680-33-7

Grade :&gt;95%

Formula :C<sub>32</sub>H<sub>20</sub>N<sub>12</sub>Ni

M.W. :631.27 g/mole



## LT-D2020

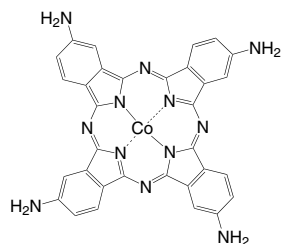
Cobalt(II) 2,9,16,23-tetraamino-phthalocyanine

CAS No :203860-42-8

Grade :&gt;95%

Formula :C<sub>32</sub>H<sub>20</sub>CoN<sub>12</sub>

M.W. :631.51 g/mole



## LT-D2021

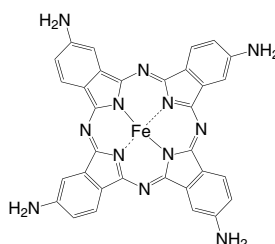
Iron(II) 2,9,16,23-tetraamino-phthalocyanine

CAS No :95100-27-9

Grade :&gt;95%

Formula :C<sub>32</sub>H<sub>20</sub>FeN<sub>12</sub>

M.W. :628.43 g/mole



## LT-D2022

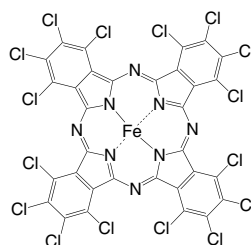
Iron(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadachloro-phthalocyanine

CAS No :50662-67-4

Grade :&gt;95%

Formula :C<sub>32</sub>Cl<sub>16</sub>FeN<sub>8</sub>

M.W. :1119.49 g/mole



## LT-D2023 F16CoPc

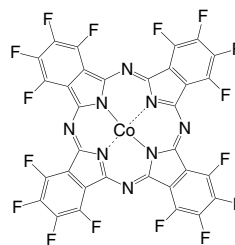
Cobalt(II) 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-phthalocyanine

CAS No :52629-20-6

Grade :&gt;95%

Formula :C<sub>32</sub>CoF<sub>16</sub>N<sub>8</sub>

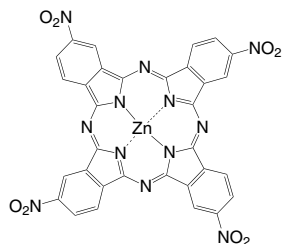
M.W. :859.3 g/mole



### LT-D2024

Zinc(II) 2,9,16,23-tetranitro-phthalocyanine

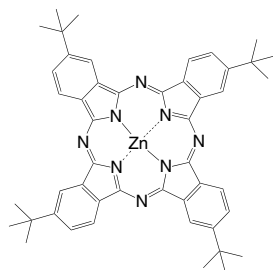
CAS No :100043-01-4  
 Grade :>95%  
 Formula : $C_{32}H_{12}N_{12}O_8Zn$   
 M.W. :757.89 g/mole



### LT-D2025

Zinc(II) 2,9,16,23-tetra(t-butyl)phthalocyanine

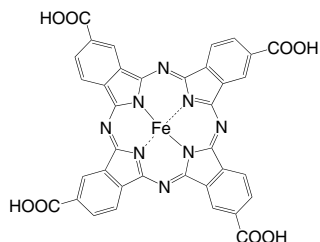
CAS No :39001-65-5  
 Grade :>95%  
 Formula : $C_{48}H_{48}N_8Zn$   
 M.W. :802.33 g/mole



### LT-D2026

Iron(III) 2,9,16,23-tetracarboxy-phthalocyanine

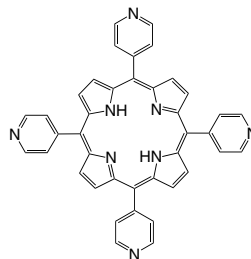
Grade :>95%  
 Formula : $C_{36}H_{16}FeN_8O_8$   
 M.W. :744.41 g/mole



### LT-D0033 TPP

meso-Tetra(4-pyridyl)porphine

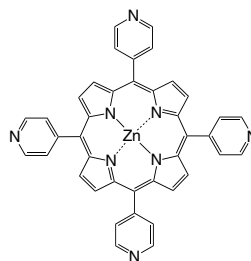
CAS No. :16834-13-2  
 Grade :>98%  
 Formula : $C_{40}H_{26}N_8$   
 M.W. :618.69 g/mole  
 Density :1.4±0.1 g/cm<sup>3</sup>



### LT-D0034

Zinc(II) meso-tetra(4-pyridyl)porphine

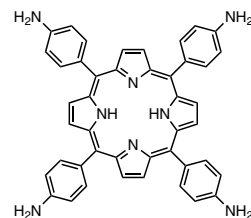
CAS No. :31183-11-6  
 Grade :>98%  
 Formula : $C_{40}H_{24}N_8Zn$   
 M.W. :682.06 g/mole



### LT-D0036 H2TAPP

meso-Tetra(4-aminophenyl)porphine

CAS No. :22112-84-1  
 Grade :>98% (NMR)  
 Formula : $C_{44}H_{24}N_8$   
 M.W. :674.81 g/mole  
 Storage :2~8 °C



**LT-E003** | MoO<sub>3</sub>

Molybdenum(VI) oxide

CAS No. :1313-27-5  
 Grade :>99.998%  
 Formula :MoO<sub>3</sub>  
 M.W. :143.94 g/mole

MoO<sub>3</sub>**LT-EC001** | WO<sub>3</sub>**NEW**

Tungsten(VI) oxide

CAS No. :1314-35-8  
 Grade :>99.9%  
 Formula :WO<sub>3</sub>  
 M.W. :231.84 g/mole

WO<sub>3</sub>**LT-EC002** | Nb<sub>2</sub>O<sub>5</sub>**NEW**

Niobium(V) oxide

CAS No. :1313-96-8  
 Grade :>99.9%  
 Formula :Nb<sub>2</sub>O<sub>5</sub>  
 M.W. :265.81 g/mole

Nb<sub>2</sub>O<sub>5</sub>**LT-EC003** | TiO<sub>2</sub>**NEW**

Titanium(IV) Oxide

CAS No. :13463-67-7  
 Grade :>99%  
 Formula :TiO<sub>2</sub>  
 M.W. :79.87 g/mole

TiO<sub>2</sub>**LT-EC004** | NiO**NEW**

Nickel(II) oxide

CAS No. :1313-99-1  
 Grade :>99%  
 Formula :NiO  
 M.W. :74.69 g/mole

NiO

**LT-EC005** | IrO<sub>2</sub>**NEW**

Iridium(IV) Oxide

CAS No. :12030-49-8  
 Grade :>99%  
 Formula :IrO<sub>2</sub>  
 M.W. :224.22 g/mole

IrO<sub>2</sub>**LT-EC006** | Fe<sub>4</sub>[Fe(CN)<sub>6</sub>]<sub>3</sub>**NEW**

Iron(III) ferrocyanide

CAS No. :14038-43-8  
 Formula :C<sub>18</sub>Fe<sub>7</sub>N<sub>18</sub>  
 M.W. :859.23 g/mole

Fe<sub>4</sub>[Fe(CN)<sub>6</sub>]<sub>3</sub>**LT-EC007** | V<sub>2</sub>O<sub>5</sub>**NEW**

Vanadium(V) oxide

CAS No. :1314-62-1  
 Grade :>99%  
 Formula :V<sub>2</sub>O<sub>5</sub>  
 M.W. :181.88 g/mole

V<sub>2</sub>O<sub>5</sub>**LT-EC008** | CoO**NEW**

Cobalt(II) oxide

CAS No. :1307-96-6  
 Grade :>99.9%  
 Formula :CoO  
 M.W. :74.93 g/mole

CoO

**LT-EC009** | Rh<sub>2</sub>O<sub>3</sub>**NEW**

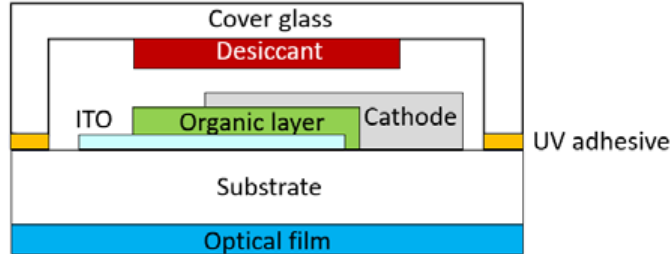
Rhodium(III) oxide

CAS No. :12036-35-0  
 Grade :>99.9%  
 Formula :Rh<sub>2</sub>O<sub>3</sub>  
 M.W. :253.81 g/mole

Rh<sub>2</sub>O<sub>3</sub>



### Total Solution for OLED Encapsulation and Out-coupling



#### Substrate

- High-refractive-index Glass
- Cover Glass
- FTO Glass
- ITO Glass (patterned)

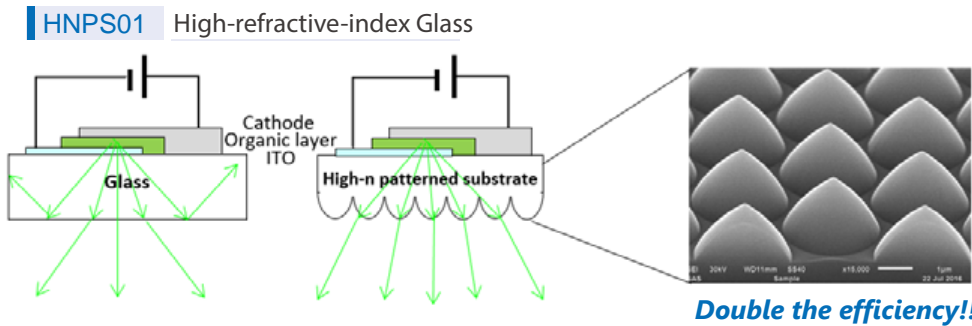
#### Optical Film

- Microlens Array Film
- Diffuser Film
- OCA Tape

#### Desiccant / UV Adhesive

- Label Desiccant
- Liquid Desiccant
- UV Adhesive

### Substrate



#### Feature

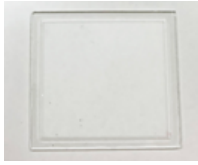
High-refractive-index substrate ( $n=1.77$ ) with micro-lens-array structure can largely enhance the external efficiency of conventional bottom-emission OLED.

Emission area (2cm x 2cm)	CIE (x, y)	Ra	V (V)	CE (cd / A)	PE (lm / W)
Glass / ITO	(0.37, 0.41)	89	7.5	39.1	16.4
High-refractive-index Glass / ITO	(0.40, 0.40)	89	7.0	76.7 (+96%)	34.4 (+110%)

# Electrode / Substrate and Sealing

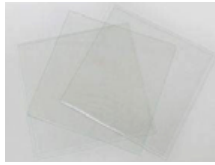
## OLED Encapsulation and Out-coupling

### LT-Cover Cover Glass



Type : Sandblasted or Etched  
 Transmittance : >90% (Etched)  
 Dimension : 370\*470 \*1.1 mm or Customize

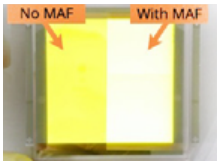
### LT-G001 / LT-G002 ITO Glass



	LT-G001	LT-G002
ITO Thickness	: 1200~1600 Å	: 3100~3700 Å
Resistance	: 9~15 Ω / sq	: 4~6 Ω/sq
Transmittance	: >84% (at 550 nm)	: >78% (at 550 nm)
Glass	: Polished soda lime glass	
Dimension	: 370*470*0.7 mm or Customize	

## Optical Film

### MA1090902 Microlens Array Film(MAF02)



Package : 100 pcs/pack  
 Size : 9x9 cm<sup>2</sup>  
 Average Thickness : 275 um  
 Density : 1.3784 g/cm<sup>3</sup>

Water Absorption	: 0.43 %
Melting Point	: 252.50 °C
Luminous Transmittance: Front MD	99.89%
TD	: 98.75%
Back	: MD 55.10%
TD	: 55.34%
Haze	: FrontMD 88.29%
TD	: 88.26%
Back	: MD 85.03%
TD	: 84.97%

### DF1252501 Diffuser Film

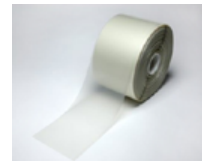


Diffusion layer : 15 um  
 PET Thickness : 100 um  
 Adhesive Thickness : 25 um  
 Haze : 89.5%

Emission area 6x6cm: Brightness	
Panel w / o DF	: 474 nits
Panel w / DF	: 625 nits
Enhancement ratio	: 31.8%

\*Diffuser film can reduce color shift with angle compared to microlens array film.

### OCA100001 OCA Tape



Adhesion to Glass : >1.0 (kg/inch)  
 Liner Release - Easy : 5~20 (g/inch)  
 Liner Release - Tight : 20~55 (g/inch)  
 Transmission : >92%  
 Haze : <2%  
 Clarity : >90%

## Desiccant / Adhesive

### LLDY1000001 Label Desiccant



Package : 100pcs/pack  
 Dimension : 18x18 mm<sup>2</sup>  
 Thickness : 180 um  
 Sorption Capacity : >50 g/m<sup>2</sup> (20°C/ 65% RH)

### LLDY2000001 Liquid Desiccant



Storage : at 5°C  
 Package : 10 g/syringe  
 Curing Condition : 120°C/ 3hr or 160°C/ 1hr  
 Sorption Capacity : >16wt% (23°C/ 50% RH)  
 Viscosity : 123,000cP (shear rate 5s<sup>-1</sup>)

### LT-U001 UV Adhesive



Storage : at 5°C  
 Package : 10 g/Syringe  
 Curing condition : 6J / cm<sup>2</sup> (High-pressure Hg lamp)+80°C/ 1h  
 WVTR : 4 g/m<sup>2</sup> / 24h  
 Tg : 120°C (by DSC)  
 Viscosity : 400~600 Pa.s

Lumtec provides custom synthesis tailored to customers' specific needs in research and study. With the certification of ISO 9001 and 14001, Lumtec aims to provide our customers the best service. All inquiries of custom synthesis will be submitted to our technicians for thorough evaluations. The specification of custom products (product volume, purity, Mw, etc.) will be confirmed and agreed before the production proceeds. If necessary, non-disclosure agreements or other business agreements could be arranged and signed.

During the production we will keep our customers well-informed about the synthesis status. Analysis reports can be provided upon request.

## Capacity and Equipment

- Production Line
  - 20 sets of 30~500 Liter Reactors, capacity 1 ton/month
- Sublimation Line
  - 12 sets of Sublimation Purify System, capacity 200 kg/month
- Analysis Instrument
  - HPLC, NMR, LC-MS, GPC, TGA, UV, PL, etc.
- Clean Room
  - ITO Etching & Patterning
  - Device Fabrication

## Specific Reaction

- Ullmann reaction
- Cyanation reaction
- Elimination reaction
- Friedel-Crafts reaction
- Alkylation/Acylation
- Grignard reaction
- Wittig reaction
- Sandmeyer reaction
- Sonogashira reaction
- Suzuki reaction
- Baeyer-Villiger Oxidation
- Vilsmeier reaction
- Williamson reaction
- Catalytic hydrogenation
- Knoevenagel condensation