



Nanovate provides comprehensive support for all the essential lay-up chemicals needed to design and optimize cutting-edge OLEDs. With the increasing demand for ***The Internet of Things (IoT)*** environments, advanced ***sensing applications*** (like in automotive), and ***smart lighting*** systems, Nanovate is at the forefront, empowering businesses with high-quality OLED materials.

Our portfolio includes over 700 unique ingredients and chemicals that encompass every layer of OLED fabrication:

- Phosphorescent Hosts & Dopants: Achieve maximum efficiency and vivid color performance in your OLED devices.
- Electron Transport and Hole Blocking Layers (ETL/HBL): Materials designed to improve charge balance and device longevity.
- Hole Transport and Electron Blocking Layers (HTL/EBL): Ensure effective charge transport to the emissive layer.
- Emission Layers & Fluorescent Hosts: Customize light output and create precise colors for specific applications.
- Solution-Processed and Small-Molecule OLED Materials: Suitable for flexible, durable, and scalable production.

Customization – Our Added Value

Nanovate stands out by offering unparalleled custom chemical design services.

Whether you're creating specialized sensors, high-performance OLED displays, or adaptive lighting solutions, our team of experts ensures our formulations are tailored to meet your exact specifications.

Applications We Serve

1. Automotive Displays: Modernize dashboards, infotainment systems, and ambient lighting for next-gen vehicles.
2. Smart Lighting: Enable energy-efficient, programmable OLED lighting systems for homes, offices, and decorative uses.
3. Wearables & Sensing Devices: Optimized chemicals for durable, lightweight, and flexible electronics.
4. Entertainment and Consumer Displays: Unmatched vibrancy and efficiency for OLED TVs, gaming monitors, and smartphones.

Grow with Us

As the demand for innovative OLED solutions continues to rise globally, Nanovate is committed to equipping clients with high-quality materials, cutting-edge solutions, and unmatched expertise.

Product Listing

See next pages.

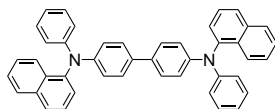
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Transport / Electron Blocking Layer (HTL / EBL)

LT-E101 | NPB

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

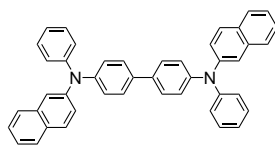
CAS No.	:123847-85-8
Grade	:Sublimed >99.5%
Formula	:C ₄₄ H ₃₂ N ₂
M.W.	:588.74 g/mole
UV	:339 nm (in THF)
PL	:450 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



LT-E102 | B-NPB

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

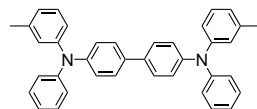
CAS No.	:139255-17-7
Grade	:Sublimed >99%
Formula	:C ₄₄ H ₃₂ N ₂
M.W.	:588.74 g/mole
UV	:349 nm (in THF)
PL	:416 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



LT-E103 | TPD

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

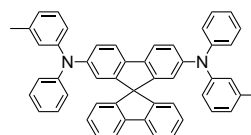
CAS No.	:65181-78-4
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₃₂ N ₂
M.W.	:516.67 g/mole
UV	:352 nm (in THF)
PL	:398 nm (in THF)
TGA	:>260 °C (0.5% weight loss)



LT-E105 | Spiro-TPD

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

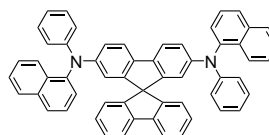
CAS No.	:1033035-83-4
Grade	:Sublimed >99%
Formula	:C ₅₁ H ₃₈ N ₂
M.W.	:678.86 g/mole
UV	:379 nm (in THF)
PL	:416 nm (in THF)
TGA	:>280 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E106 | Spiro-NPB

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

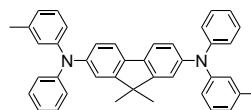
CAS No.	:932739-76-9
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₈ N ₂
M.W.	:750.93 g/mole
UV	:380 nm (in THF)
PL	:453 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



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 ₄₁ H ₃₆ N ₂
M.W.	:556.74 g/mole
UV	:376 nm (in THF)
PL	:401 nm (in THF)
TGA	:>290 °C (0.5% weight loss)



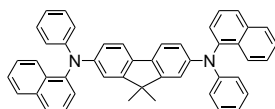
Organic Light-Emitting Diode (OLED) _ OLED Materials

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

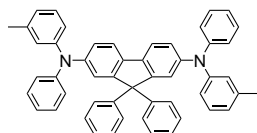
CAS No. :1229226-27-0
Grade :Sublimed >99%
Formula :C₄₇H₃₆N₂
M.W. :628.80 g/mole
UV :381 nm (in THF)
PL :458 nm (in THF)



LT-E111 | DPFL-TPD

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

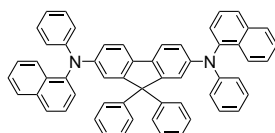
CAS No. :206886-03-5
Grade :Sublimed >99%
Formula :C₅₁H₄₀N₂
M.W. :680.88 g/mole
UV :381 nm (in THF)
PL :410 nm (in THF)
TGA :>320 °C (0.5% weight loss)



LT-E112 | DPFL-NPB

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

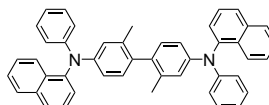
CAS No. :357645-40-0
Grade :Sublimed >99%
Formula :C₅₇H₄₀N₂
M.W. :752.94 g/mole
UV :371 nm (in THF)
PL :466 nm (in THF)
TGA :>300 °C (0.5% weight loss)



LT-E115 | α-NPD

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

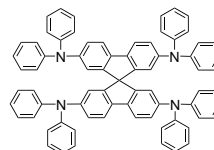
CAS No. :495416-60-9
Grade :Sublimed >99%
Formula :C₄₆H₃₆N₂
M.W. :616.79 g/mole
UV :307 nm (in THF)
PL :447 nm (in THF)
TGA :>310 °C (0.5% weight loss)



LT-E116 | Spiro-TAD

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

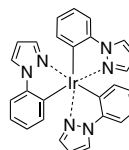
CAS No. :189363-47-1
Grade :Sublimed >99%
Formula :C₇₃H₅₂N₄
M.W. :985.22 g/mole
UV :378 nm (in THF)
PL :415 nm (in THF)
TGA :>290 °C (0.5% weight loss)



LT-N002 | Ir(ppz)3

Tris(phenylpyrazole)iridium

CAS No. :562824-31-1
Grade :Sublimed >99%
Formula :C₂₇H₂₁N₆Ir
M.W. :621.71 g/mole
UV :242, 320 nm (in THF)
PL :423 nm (in THF)
TGA :>270 °C (0.5% weight loss)

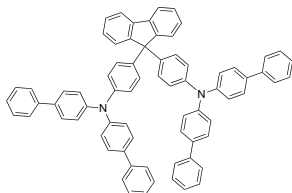


LT-N120 | BPAPF

NEW

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

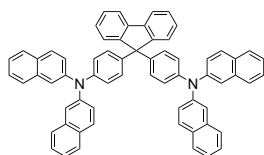
CAS No. :174141-92-5
 Grade :Sublimed >99%
 Formula :C₇₃H₅₂N₂
 M.W. :957.21 g/mole



LT-N121 | NPAPF

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

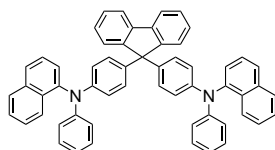
CAS No. :916061-87-5
 Grade :Sublimed >99%
 Formula :C₆₅H₄₄N₂
 M.W. :853.06 g/mole
 UV :322 nm (in THF)
 PL :418 nm (in THF)
 TGA :>400 °C (0.5% weight loss)



LT-N124 | NPBAPF

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

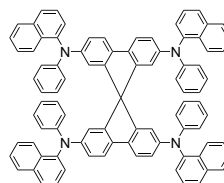
CAS No. :510775-24-3
 Grade :Sublimed >99%
 Formula :C₅₇H₄₀N₂
 M.W. :752.94 g/mole
 UV :304 nm (in THF)
 PL :431 nm (in THF)
 TGA :>320 °C (0.5% weight loss)



LT-N125 | Spiro-2NBPB

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

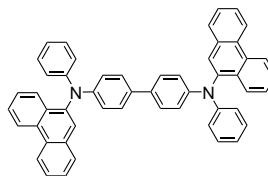
CAS No. :404001-42-9
 Grade :Sublimed >99%
 Formula :C₈₉H₆₀N₄
 M.W. :1185.46 g/mole
 UV :380 nm (in THF)
 PL :484 nm (in THF)
 TGA :>420 °C (0.5% weight loss)



LT-N131 | PAPB

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

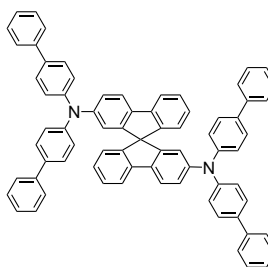
CAS No. :934000-87-0
 Grade :Sublimed >99%
 Formula :C₅₂H₃₆N₂
 M.W. :688.86 g/mole
 UV :336 nm (in THF)
 PL :454 nm (in THF)
 TGA :>410 °C (0.5% weight loss)



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 :C₇₃H₅₀N₂
 M.W. :955.19 g/mole
 UV :349 nm (in THF)
 PL :413 nm (in THF)
 TGA :>310 °C (0.5% weight loss)



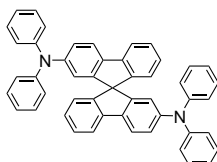
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Transport / Electron Blocking Layer (HTL / EBL)

LT-N136 | Spiro-BPA

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

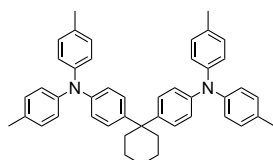
CAS No.	:862664-73-1
Grade	:Sublimed >99%
Formula	:C ₄₉ H ₃₄ N ₂
M.W.	:650.81 g/mole
UV	:348 nm (in THF)
PL	:398 nm (in THF)
TGA	:>310 °C (0.5% weight loss)



LT-N137 | TAPC

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

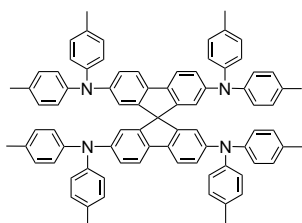
CAS No.	:58473-78-2
Grade	:Sublimed >99.5%
Formula	:C ₄₆ H ₄₆ N ₂
M.W.	:626.87 g/mole
UV	:305 nm (in THF)
PL	:414 nm (in THF)
TGA	:>290 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N138 | Spiro-TTB

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

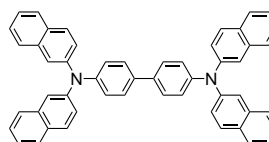
CAS No.	:515834-67-0
Grade	:Sublimed >99%
Formula	:C ₈₁ H ₆₈ N ₄
M.W.	:1097.43 g/mole
UV	:385 nm (in THF)
PL	:409 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



LT-N139 | β-TNB

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

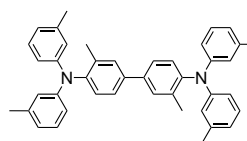
CAS No.	:141752-82-1
Grade	:Sublimed >98%
Formula	:C ₅₂ H ₃₆ N ₂
M.W.	:688.86 g/mole
UV	:354 nm (in THF)
PL	:429 nm (in THF)
TGA	:>410 °C (0.5% weight loss)



LT-N140 | HMPDP

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

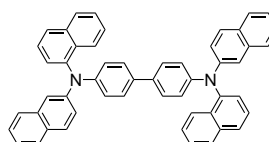
CAS No.	:105465-14-3
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₄₀ N ₂
M.W.	:572.78 g/mole
UV	:302 nm (in THF)
PL	:399 nm (in THF)
TGA	:>240 °C (0.5% weight loss)



LT-N141

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

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



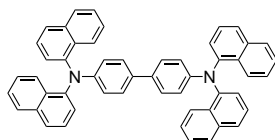
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Transport / Electron Blocking Layer (HTL / EBL)

LT-N142

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

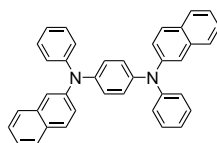
CAS No.	:186256-01-9
Grade	:Sublimed >99%
Formula	:C ₅₂ H ₃₆ N ₂
M.W.	:688.86 g/mole
UV	:297, 362 nm (in CH ₂ Cl ₂)
PL	:462 nm (in CH ₂ Cl ₂)
TGA	:>360 °C (0.5% weight loss)



LT-N143

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

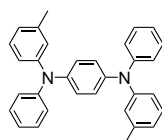
CAS No.	:139994-47-1
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₈ N ₂
M.W.	:512.64 g/mole
UV	:323 nm (in THF)
PL	:466 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



LT-N144 TTP

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

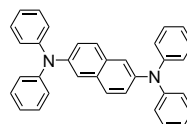
CAS No.	:80223-29-6
Grade	:Sublimed >99%
Formula	:C ₃₂ H ₂₈ N ₂
M.W.	:440.58 g/mole
UV	:314 nm (in CH ₂ Cl ₂)
PL	:439 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N145 NDDP

N₂,N₂,N₆,N₆-Tetraphenyl-naphthalene-2,6-diamine

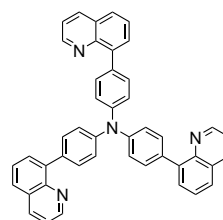
CAS No.	:111961-87-6
Grade	:Sublimed >99%
Formula	:C ₃₄ H ₂₆ N ₂
M.W.	:462.58 g/mole
UV	:312, 341 nm (in CH ₂ Cl ₂)
PL	:438 nm (in CH ₂ Cl ₂)
TGA	:>290 °C (0.5% weight loss)



LT-N146 TQTPA

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

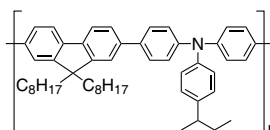
CAS No.	:1142945-07-0
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₃₀ N ₄
M.W.	:626.75 g/mole
UV	:287, 368 nm (in CH ₂ Cl ₂)
PL	:431 nm (in CH ₂ Cl ₂)
TGA	:>390 °C (0.5% weight loss)



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 ₅₁ H ₆₁ N)n
UV	:389 nm (in CH ₂ Cl ₂)
PL	:443 nm (in CH ₂ Cl ₂)
Solvent	:Soluble in CH ₂ Cl ₂ , Toluene, CHCl ₃



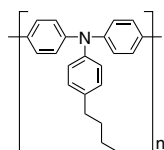
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Transport / Electron Blocking Layer (HTL / EBL)

LT-N149 | Poly-TPD

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

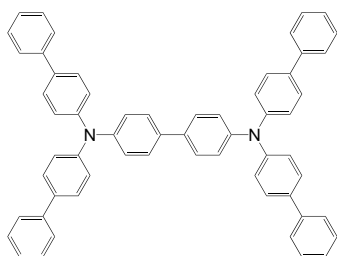
CAS No. :472960-35-3
Grade :Mw =20,000~200,000 (GPC)
Formula : $(C_{22}H_{21}N)_n$
UV :371, 388 nm (in CH_2Cl_2)
PL :424 nm (in CH_2Cl_2)
Solvent :Soluble in $CHCl_3$, Chlorobenzene



LT-N151 | BPBPA

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

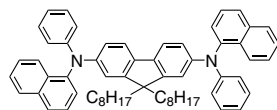
CAS No. :164724-35-0
Grade :Sublimed >99%
Formula : $C_{60}H_{44}N_2$
M.W. :793 g/mole



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

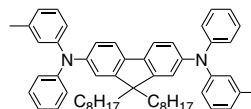
CAS No. :870197-09-4
Grade :>99%
Formula : $C_{61}H_{64}N_2$
M.W. :825.17 g/mole
UV :382 nm (in THF)
PL :460 nm (in THF)
TGA :>250 °C (0.5% weight loss)
Solvent :Toluene, Chloroform



LT-N155 | DOFL-TPD

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

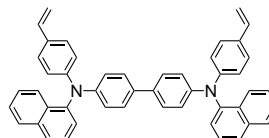
CAS No. :439942-97-9
Grade :>99%
Formula : $C_{55}H_{64}N_2$
M.W. :753.11 g/mole
UV :376 nm (in THF)
PL :401 nm (in THF)
TGA :>250 °C (0.5% weight loss)
Solvent :Toluene, Chloroform



LT-N157 | VNPB

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

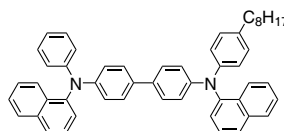
CAS No. :1010396-31-2
Grade :>98%
Formula : $C_{48}H_{36}N_2$
M.W. :640.81 g/mole
UV :359 nm (in THF)
PL :450 nm (in THF)
Solvent :Toluene, Chloroform



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



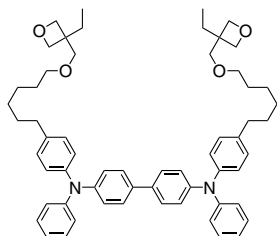
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Transport / Electron Blocking Layer (HTL / EBL)

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

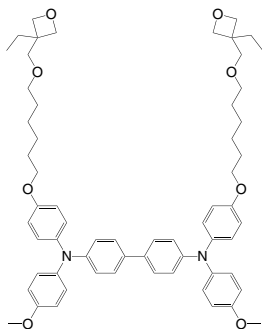
CAS No. :746634-00-4
Grade :>99%
Formula : $C_{60}H_{72}N_2O_4$
M.W. :885.22 g/mole
UV :308, 353 nm (in CH_2Cl_2)
PL :410 nm (in CH_2Cl_2)
Solvent :Toluene, Chloroform



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

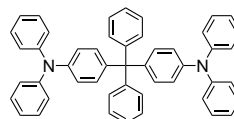
CAS No. :864130-79-0
Grade :>99%
Formula : $C_{62}H_{76}N_2O_8$
M.W. :945.28 g/mole
UV :353 nm (in CH_2Cl_2)
PL :439 nm (in CH_2Cl_2)
Solvent :Toluene, Chloroform



LT-N162 | TCBPA

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

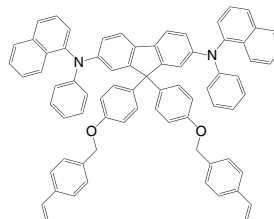
CAS No. :1459723-98-8
Grade :Sublimed >99%
Formula : $C_{49}H_{38}N_2$
M.W. :654.84 g/mole
UV :303 nm (in CH_2Cl_2)
PL :374 nm (in CH_2Cl_2)
TGA :>320 °C (0.5% weight loss)



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

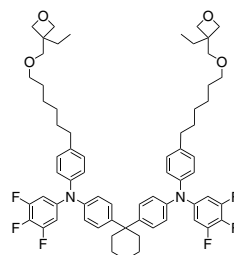
CAS No. :1173170-48-3
Grade :>95%
Formula : $C_{75}H_{56}N_2O_2$
M.W. :1017.26 g/mole
UV :354, 378 nm (in CH_2Cl_2)
PL :489 nm (in CH_2Cl_2)
Solvent :Toluene, Chloroform



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



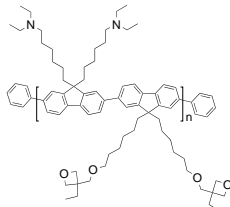
Organic Light-Emitting Diode (OLED) _ OLED Materials

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])

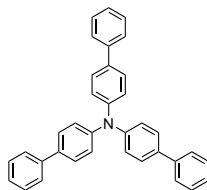
CAS No. :1345045-27-3
Formula : $(C_{70}H_{102}N_2O_4)_n C_{12}H_{10}$
UV :378±10 nm (in THF)
Solvent :Soluble in THF, $CHCl_3$



LT-N178 | TBA

Tri(biphenyl-4-yl)amine

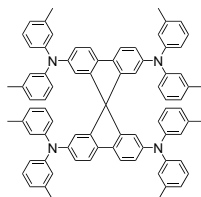
CAS No. :6543-20-0
Grade :Sublimed >99%
Formula : $C_{36}H_{27}N$
M.W. :473.61 g/mole
TGA :> 150 °C (0.5% weight loss)



LT-N180 | Spiro-mTTB

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

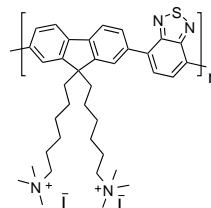
CAS No. :302344-41-8
Grade :Sublimed >99%
Formula : $C_{81}H_{68}N_4$
M.W. :1097.43 g/mole
UV :378 nm (in THF)
PL :415 nm (in THF)
TGA :> 220 °C (0.5% weight loss)



LT-N181 | PFNIBT

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

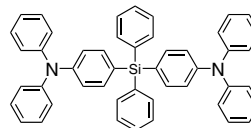
Grade :Mw > 10,000 (GPC)
Formula : $(C_{35}H_{42}I_2N_4S)_n$
UV :317448 nm (in DMSO)
Solvent :Soluble in DMSO



LT-N182 | TSBPA

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

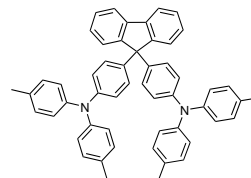
CAS No. :205327-13-5
Grade :Sublimed >99%
Formula : $C_{48}H_{38}N_2Si$
M.W. :670.91 g/mole
UV :309 nm (in CH_2Cl_2)
PL :376 nm (in CH_2Cl_2)
TGA :> 180 °C (0.5% weight loss)



LT-N183 | DTAF

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

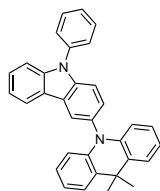
CAS No. :159526-57-5
Grade :Sublimed >99%
Formula : $C_{53}H_{44}N_2$
M.W. :708.93 g/mole
UV :304 nm (in THF)
PL :431 nm (in THF)
TGA :> 300 °C (0.5% weight loss)



LT-N184 | PCZAC

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

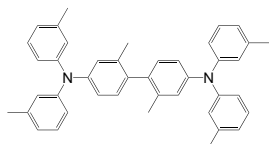
CAS No. :1705584-08-2
 Grade :Sublimed >99%
 Formula :C₃₃H₂₆N₂
 M.W. :450.57 g/mole



LT-N186

2,2'-Dimethyl-N₄,N₄,N₄',N₄'-tetra-m-tolylbiphenyl-4,4'-diamine

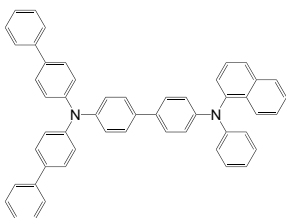
CAS No. :80730-98-9
 Grade :Sublimed >99%
 Formula :C₄₂H₄₀N₂
 M.W. :572.78 g/mole



LT-N187

N₄,N₄-Di(biphenyl-4-yl)-N₄'-(naphthalen-1-yl)-N₄'-phenyl-biphenyl-4,4'-diamine

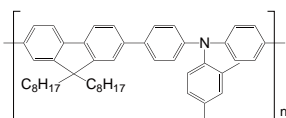
CAS No. :897671-42-0
 Grade :Sublimed >99%
 Formula :C₅₂H₃₈N₂
 M.W. :690.87 g/mole



LT-N188 | PF8-TAA

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

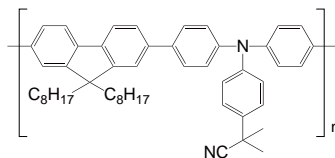
CAS No. :1178569-78-2
 Grade :Mw =20,000~50,000
 Formula :(C₄₉H₅₇N)n



LT-N189 | iPrCN / CNPr-TFB

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

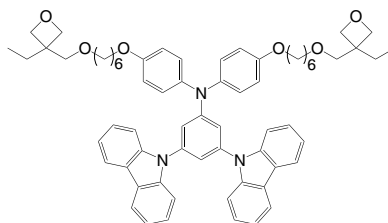
Grade :Mw =10,000~100,000 (GPC)
 Formula :(C₅₁H₅₈N₂)n



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 :C₆₆H₇₃N₃O₆
 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

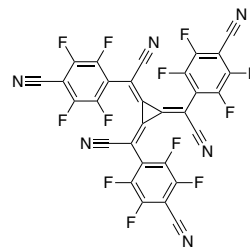


LT-N265

NEW

4,4',4''-((1E,1'E,1''E)-cyclopropane-1,2,3-triylidene)tris(cyanomethanylylidene)tris(2,3,5,6-tetrafluorobenzonitrile)

CAS No :1224447-88-4
 Grade :Sublimed >98%
 Formula :C₃₀F₁₂N₆
 M.W. :672.34 g/mole



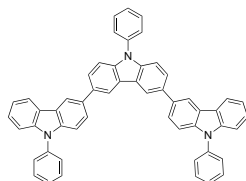
Organic Light-Emitting Diode (OLED) _ OLED Materials

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

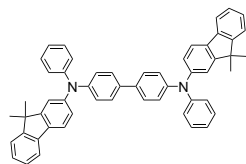
CAS No. :1141757-83-6
Grade :Sublimed >99%
Formula :C₅₄H₃₅N₃
M.W. :725.88 g/mole



LT-N1002 | BF-DPB

N₄,N₄'-Bis(9,9-dimethyl-9H-fluoren-2-yl)-N₄,N₄'-diphenylbiphenyl-4,4'-diamine

CAS No. :361486-60-4
Grade :Sublimed >99%
Formula :C₅₄H₄₄N₂
M.W. :720.94 g/mole
UV :365 nm (in CH₂Cl₂)
PL :418 nm (in CH₂Cl₂)
TGA :>250 °C (0.5% weight loss)

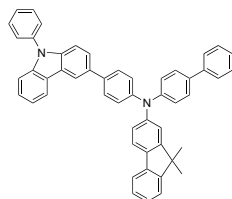


LT-N1003 | PCbz-PA1

NEW

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

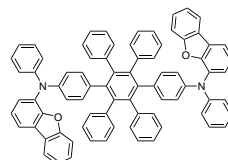
CAS No. :1242056-42-3
Grade :Sublimed >99%
Formula :C₅₁H₃₈N₂
M.W. :678.86 g/mole



LT-N1007 | 4DBFHPB

N₄,N₄'-Bis(4-dibenzofuranyl)-N₄,N₄'-,2',3',5',6'-hexaphenyl-[1,1':4',1''-terphenyl]-4,4''-diamine

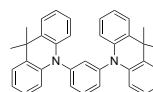
CAS No. :2280942-02-9
Grade :Sublimed >99%
Formula :C₇₈H₅₈N₄O₂
M.W. :1049.26 g/mole
TGA :>250 °C (0.5% weight loss)
HOMO :-5.20 eV
LUMO :-1.41 eV



LT-N1008 | mAP

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

CAS No. :1233947-20-0
Grade :Sublimed >99%
Formula :C₃₆H₃₂N₂
M.W. :492.65 g/mole

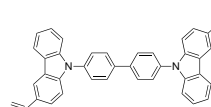


LT-N1010 | CBP-V

NEW

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

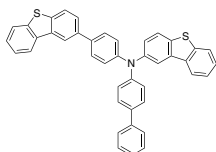
CAS No. :908147-48-8
Grade :>99%
Formula :C₄₀H₂₈N₂
M.W. :536.66 g/mole
UV :300/343 nm (film)
PL :396 nm (film)
HOMO :-5.22 eV
LUMO :-1.19 eV



LT-N1012 | DBTA

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

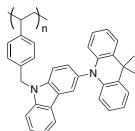
CAS No. :1345621-23-9
 Grade :Sublimed >99%
 Formula :C₄₂H₂₇NS₂
 M.W. :609.80 g/mole
 HOMO :-5.90 eV
 LUMO :-2.50 eV



LT-N1015 | P-CzAc

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

Grade :Mw >6,000
 Formula :(C₃₆H₃₂N₂)_n
 HOMO :-5.33 eV
 LUMO :-1.94 eV
 PDI :<2

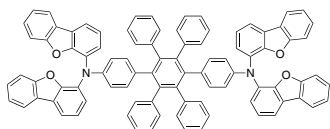


LT-N1018 | T4DBFHPB

NEW

N₄,N₄,N₄''',N₄''-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 :C₉₀H₅₆N₂O₄
 M.W. :1229.42 g/mole

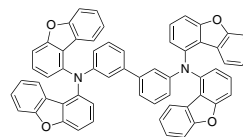


LT-N1019 | T1DBFBP

NEW

N₂,N₃,N₃',N₃'-Tetrakis(dibenzo[b,d]furan-1-yl)-[1,1'-biphenyl]-3,3'-diamine

Grade :Sublimed >99%
 Formula :C₆₀H₃₆N₂O₄
 M.W. :848.94 g/mole

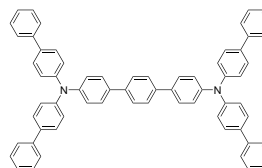


LT-N1020 | TaTm

NEW

N₄,N₄,N₄''',N₄''-tetra([1,1'-biphenyl]-4-yl)-[1,1':4',1''-terphenyl]-4,4''-diamine

CAS No. :952431-34-4
 Grade :Sublimed > 99.5%
 Formula :C₆₆H₄₈N₂
 M.W. :869.1 g/mole

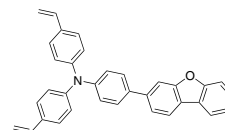


LT-N1022 | 3-CDTPA

NEW

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

Grade :>99%
 Formula :C₃₄H₂₅NO
 M.W. :463.57 g/mole
 UV :359 nm (films)
 PL :441 nm (films)
 HOMO :-5.5 eV
 LUMO :-2.42 eV

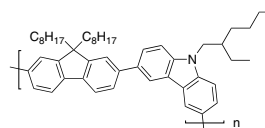


LT-N1023 | PF8CZ

NEW

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

Grade :MW >20,000
 Formula :(C₄₉H₆₃N)_n

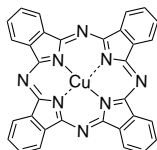


Hole Injection Layer (HIL)

LT-E201 | CuPC

Copper(II) phthalocyanine

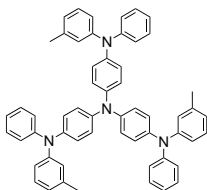
CAS No.	:147-14-8
Grade	:Sublimed >99%
Formula	: $C_{32}H_{16}CuN_8$
M.W.	:576.08 g/mole
UV	:345, 631 nm (in CH_2Cl_2)
PL	:404 nm (film)
TGA	:>430 °C (0.5% weight loss)



LT-E202 | m-MTDATA

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

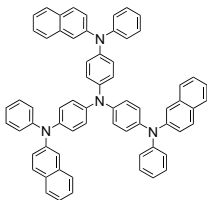
CAS No.	:124729-98-2
Grade	:Sublimed >99%
Formula	: $C_{57}H_{48}N_4$
M.W.	:789.02 g/mole
UV	:312, 342 nm (in THF)
PL	:425 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-E203 | 2T-NATA

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

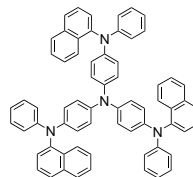
CAS No.	:185690-41-9
Grade	:Sublimed >99%
Formula	: $C_{66}H_{48}N_4$
M.W.	:897.11 g/mole
UV	:326 nm (in THF)
PL	:490 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-E204 | 1T-NATA

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

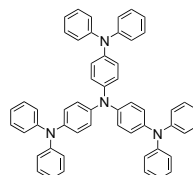
CAS No.	:185690-39-5
Grade	:Sublimed >99%
Formula	: $C_{66}H_{48}N_4$
M.W.	:897.11 g/mole
UV	:339 nm (in THF)
PL	:518 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-E205 | NATA

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

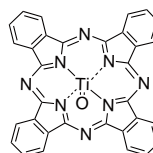
CAS No.	:105389-36-4
Grade	:Sublimed >99%
Formula	: $C_{54}H_{42}N_4$
M.W.	:746.94 g/mole
UV	:341 nm (in THF)
PL	:424 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



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)

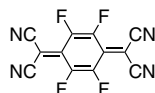


Hole Injection Layer (HIL)

LT-E208 | F4-TCNQ

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

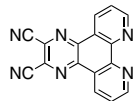
CAS No.	:29261-33-4
Grade	:Sublimed >99%
Formula	:C ₁₂ F ₄ N ₄
M.W.	:276.15 g/mole
UV	:394 nm (in Chloroform)
PL	:600 nm (in Chloroform)
TGA	:>210 °C (0.5% weight loss)



LT-N211 | PPDN

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

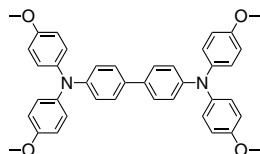
CAS No.	:215611-93-1
Grade	:Sublimed >99%
Formula	:C ₁₆ H ₆ N ₆
M.W.	:282.26 g/mole
UV	:307 nm (in CH ₂ Cl ₂)
PL	:487 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N212 | MeO-TPD

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

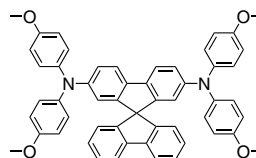
CAS No.	:122738-21-0
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₃₆ N ₂ O ₄
M.W.	:608.72 g/mole
UV	:302, 351 nm (in THF)
PL	:429 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



LT-N213 | MeO-Spiro-TPD

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

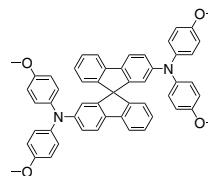
CAS No.	:1138220-69-5
Grade	:Sublimed >99%
Formula	:C ₅₃ H ₄₂ N ₂ O ₄
M.W.	:770.91 g/mole
UV	:306, 386 nm (in THF)
PL	:428 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



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

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

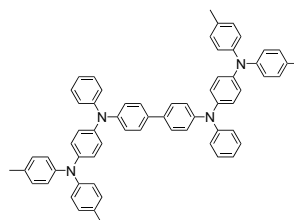
CAS No.	:1174006-40-6
Grade	:Sublimed >99%
Formula	:C ₅₃ H ₄₂ N ₂ O ₄
M.W.	:770.91 g/mole
UV	:348 nm (in CH ₂ Cl ₂)
PL	:442 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N215 | NTNPB

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 ₆₄ H ₅₄ N ₄
M.W.	:879.14 g/mole
UV	:327 nm (in THF)
PL	:458 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



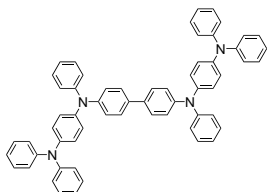
Organic Light-Emitting Diode (OLED) _ OLED Materials

Hole Injection Layer (HIL)

LT-N216 | NPNPB

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

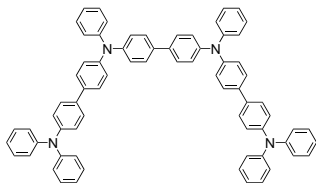
CAS No.	:936355-01-0
Grade	:Sublimed >99%
Formula	:C ₆₀ H ₄₆ N ₄
M.W.	:823.03 g/mole
UV	:324 nm (in THF)
PL	:451 nm (in THF)
TGA	:>370 °C (0.5% weight loss)



LT-N218 | TPT1

N₄N₄'-(Biphenyl-4,4'-diyl)bis(N₄N₄'N₄'-triphenylbiphenyl-4,4'-diamine)

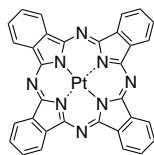
CAS No.	:167218-46-4
Grade	:Sublimed >99%
Formula	:C ₇₂ H ₅₄ N ₄
M.W.	:975.23 g/mole
UV	:394 nm (in CH ₂ Cl ₂)
PL	:419 nm (in CH ₂ Cl ₂)
TGA	:>370 °C (0.5% weight loss)



LT-N219 | PtPC

Phthalocyanine platinum

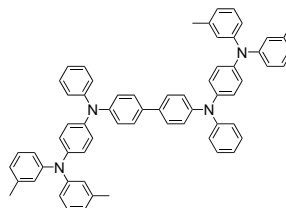
CAS No.	:14075-08-2
Grade	:Sublimed >99%
Formula	:C ₃₂ H ₁₆ N ₈ Pt
M.W.	:707.6 g/mole
UV	:228, 270 nm (in CH ₂ Cl ₂)
PL	:372.5 nm (in CH ₂ Cl ₂)
TGA	:>460 °C (0.5% weight loss)



LT-N220 | DNTPD

N₁N₁'-(Biphenyl-4,4'-diyl)-bis(N₁-phenyl-N₄N₄-di-m-tolylbenzene-1,4-diamine)

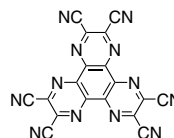
CAS No.	:199121-98-7
Grade	:Sublimed >99%
Formula	:C ₆₄ H ₅₄ N ₄
M.W.	:879.14 g/mole
UV	:327 nm (in CH ₂ Cl ₂)
PL	:473 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N221 | HAT-CN

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

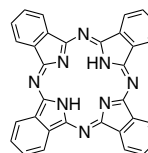
CAS No.	:105598-27-4
Grade	:Sublimed >99%
Formula	:C ₁₈ N ₁₂
M.W.	:384.27 g/mole
UV	:282, 321 nm (in CH ₂ Cl ₂)
PL	:422 nm (in CH ₂ Cl ₂)
TGA	:>400 °C (0.5% weight loss)
Solvent	:2-Propanone



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)



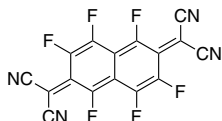
Hole Injection Layer (HIL)

LT-N223 | F6TCNNQ

NEW

1,3,4,5,7,8-hexafluorotetracyanonaphthoquinodimethane

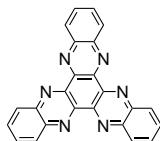
CAS No. :912482-15-6
 Grade :Sublimed >98% (By Element Analysis)
 Formula :C₁₆F₆N₄
 M.W. :362.19 g/mole



LT-N224 | HATNA

Diquinoxalino[2,3-a:2',3'-c]phenazine

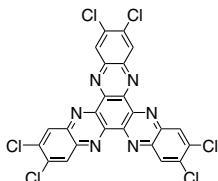
CAS No. :214-83-5
 Grade :Sublimed >99%
 Formula :C₂₄H₁₂N₆
 M.W. :384.39 g/mole
 UV :295, 378 nm (in CH₂Cl₂)
 PL :594 nm (in CH₂Cl₂)
 TGA :>340 °C (0.5% weight loss)



LT-N225 | HATNA-Cl6

2,3,8,9,14,15-Hexachlorodiquinoxalino[2,3-a:2',3'-c]phenazine

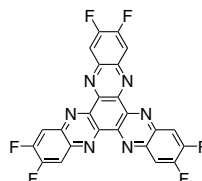
CAS No. :389121-44-2
 Grade :Sublimed >98%
 Formula :C₂₄H₆N₆Cl₆
 M.W. :591.06 g/mole
 UV :305 nm (in CH₂Cl₂)
 PL :425 nm (in CH₂Cl₂)
 TGA :>350 °C (0.5% weight loss)



LT-N226 | HATNA-F6

2,3,8,9,14,15-Hexafluorodiquinoxalino[2,3-a:2',3'-c]phenazine

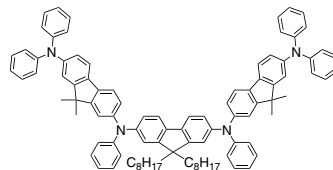
CAS No. :872140-95-9
 Grade :Sublimed >99%
 Formula :C₂₄H₆N₆F₆
 M.W. :492.34 g/mole
 UV :285 nm (in CH₂Cl₂)
 PL :427 nm (in CH₂Cl₂)



LT-N260 | 3FTPD-C8

N₂,N₂'-(9,9-Dioctyl-9H-fluorene-2,7-diyl)bis(9,9-dimethyl-N₂,N₇,N₇-triphenyl-9H-fluorene-2,7-diamine)

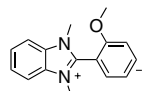
CAS No. :2412595-08-3
 Grade :>97%
 Formula :C₉₅H₉₄N₄
 M.W. :1291.79 g/mole
 UV :378 nm (in CH₂Cl₂)
 PL :426 nm (in CH₂Cl₂)



LT-N261 | MeOPBI

2-(2-Methoxyphenyl)-1,3-dimethyl-1H-benzimidazol-3-ium iodide

CAS No. :626606-31-3
 Grade :>99%
 Formula :C₁₆H₁₇IN₂O
 M.W. :380.22 g/mole

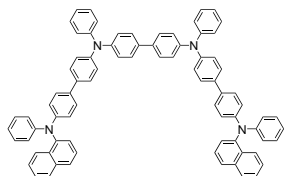


Hole Injection Layer (HIL)

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)

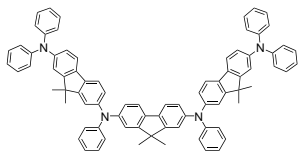
CAS No. :292827-46-4
 Grade :>99%
 Formula : $C_{80}H_{58}N_4$
 M.W. :1075.34 g/mole
 TGA :>300 °C (0.5% weight loss)



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)

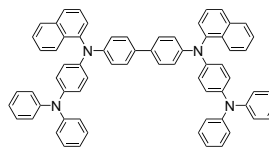
CAS No. :354987-71-6
 Grade :Sublimed >99%
 Formula : $C_{81}H_{66}N_4$
 M.W. :1095.42 g/mole
 UV :378 nm (in CH_2Cl_2)
 PL :426 nm (in CH_2Cl_2)
 TGA :>300 °C (0.5% weight loss)



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)

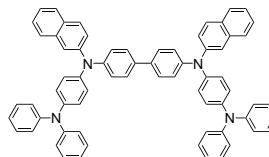
CAS No. :910058-11-6
 Grade :Sublimed >99%
 Formula : $C_{68}H_{50}N_4$
 M.W. :923.15 g/mole
 UV :311, 355 nm (in CH_2Cl_2)
 PL :516 nm (in CH_2Cl_2)
 TGA :>300 °C (0.5% weight loss)



LT-N2004 | β -NPB-DPA

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

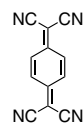
CAS No. :1207378-72-0
 Grade :Sublimed >99%
 Formula : $C_{68}H_{50}N_4$
 M.W. :923.15 g/mole
 UV :311, 355 nm (in CH_2Cl_2)
 PL :516 nm (in CH_2Cl_2)
 TGA :>300 °C (0.5% weight loss)



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)

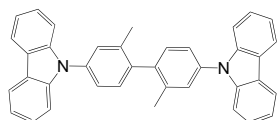


Phosphorescent Host

LT-E414 | CDBP

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

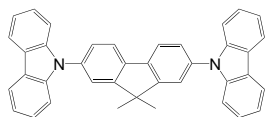
CAS No. :604785-54-8
 Grade :Sublimed >99%
 Formula :C₃₈H₂₈N₂
 M.W. :512.64 g/mole
 UV :292, 340 nm (in THF)
 PL :349, 364 nm (in THF)
 TGA :>280 °C (0.5% weight loss)



LT-N415 | DMFL-CBP

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

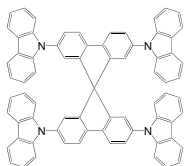
CAS No. :226958-06-1
 Grade :Sublimed >99%
 Formula :C₃₉H₂₈N₂
 M.W. :524.65 g/mole
 UV :293, 341 nm (in THF)
 PL :363 nm (in THF)
 TGA :>330 °C (0.5% weight loss)



LT-N416 | Spiro-CBP

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

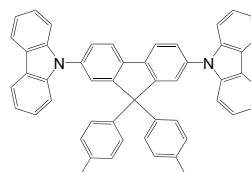
CAS No. :214078-86-1
 Grade :Sublimed >99%
 Formula :C₇₃H₄₄N₄
 M.W. :977.16 g/mole
 UV :292, 342 nm (in THF)
 PL :370 nm (in THF)
 TGA :>480 °C (0.5% weight loss)



LT-N418 | DPFL-CBP

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

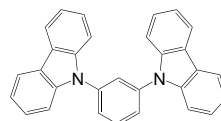
CAS No. :1174006-50-8
 Grade :Sublimed >99%
 Formula :C₅₁H₃₆N₂
 M.W. :676.84 g/mole
 UV :293, 344 nm (in THF)
 PL :367 nm (in THF)
 TGA :>330 °C (0.5% weight loss)



LT-E107 | MCP

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

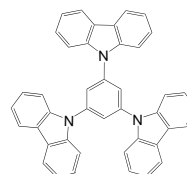
CAS No. :550378-78-4
 Grade :Sublimed >99.5%
 Formula :C₃₀H₂₀N₂
 M.W. :408.49 g/mole
 UV :292, 338 nm (in THF)
 PL :360 nm (in THF)
 TGA :>250 °C (0.5% weight loss)



LT-E108 | TCP

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

CAS No. :148044-07-9
 Grade :Sublimed >99%
 Formula :C₄₂H₂₇N₃
 M.W. :573.68 g/mole
 UV :292, 337 nm (in THF)
 PL :358 nm (in THF)
 TGA :>310 °C (0.5% weight loss)

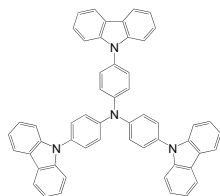


Phosphorescent Host

LT-E207 | TcTa

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

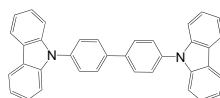
CAS No.	:139092-78-7
Grade	:Sublimed >99.5%
Formula	:C ₅₄ H ₃₆ N ₄
M.W.	:740.89 g/mole
UV	:293, 326 nm (in THF)
PL	:385 nm (in THF)
TGA	:>410 °C (0.5% weight loss)



LT-E409 | CBP

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

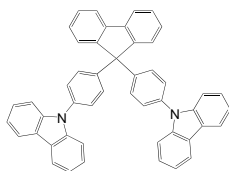
CAS No.	:58328-31-7
Grade	:Sublimed >99.5%
Formula	:C ₃₆ H ₂₄ N ₂
M.W.	:484.59 g/mole
UV	:292, 318 nm (in THF)
PL	:369 nm (in THF)
TGA	:>320 °C (0.5% weight loss)



LT-N419 | FL-2CBP

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

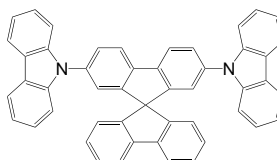
CAS No.	:1431945-64-0
Grade	:Sublimed >99%
Formula	:C ₄₉ H ₃₂ N ₂
M.W.	:648.79 g/mole
UV	:292, 340 nm (in THF)
PL	:364 nm (in THF)
TGA	:>370 °C (0.5% weight loss)



LT-N420 | Spiro-2CBP

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

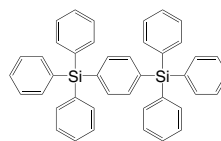
CAS No.	:924899-38-7
Grade	:Sublimed >99%
Formula	:C ₄₉ H ₃₀ N ₂
M.W.	:646.78 g/mole
UV	:293, 343 nm (in THF)
PL	:367 nm (in THF)
TGA	:>420 °C (0.5% weight loss)



LT-N448 | UGH-2

1,4-Bis(triphenylsilyl)benzene

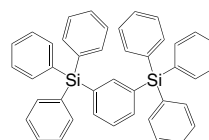
CAS No.	:40491-34-7
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₄ Si ₂
M.W.	:594.89 g/mole
UV	:265 nm (in CH ₂ Cl ₂)
PL	:296 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N449 | UGH-3

1,3-Bis(triphenylsilyl)benzene

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

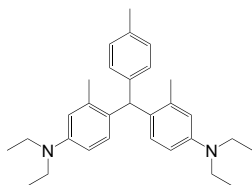


Phosphorescent Host

LT-N450 | MPMP

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

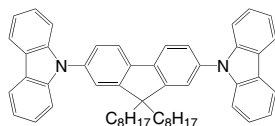
CAS No.	:70895-80-6
Grade	:> 99%
Formula	:C ₃₀ H ₄₀ N ₂
M.W.	:428.65 g/mole
UV	:272, 309 nm (in THF)
PL	:349 nm (in THF)
TGA	:> 190 °C (0.5% weight loss)



LT-N451 | DOFL-CBP

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

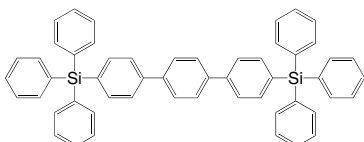
CAS No.	:848900-30-1
Grade	:> 99%
Formula	:C ₅₃ H ₅₆ N ₂
M.W.	:721.03 g/mole
UV	:292, 340 nm (in THF)
PL	:362 nm (in THF)
TGA	:> 310 °C (0.5% weight loss)



LT-N482 | BST

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

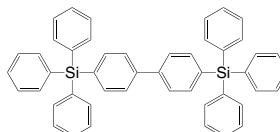
CAS No.	:1046146-39-7
Grade	:Sublimed > 99%
Formula	:C ₅₄ H ₄₂ Si ₂
M.W.	:747.08 g/mole
UV	:296 nm (in CH ₂ Cl ₂)
PL	:358 nm (in CH ₂ Cl ₂)
TGA	:> 360 °C (0.5% weight loss)



LT-N483 | BSB

4,4'-Di(triphenylsilyl)-biphenyl

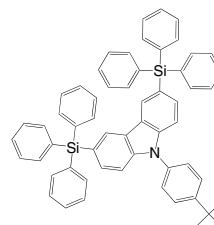
CAS No.	:18826-13-6
Grade	:Sublimed > 99%
Formula	:C ₄₈ H ₃₈ Si ₂
M.W.	:670.99 g/mole
UV	:271 nm (in CH ₂ Cl ₂)
PL	:432 nm (in CH ₂ Cl ₂)
TGA	:> 320 °C (0.5% weight loss)



LT-N484 | CzSi

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

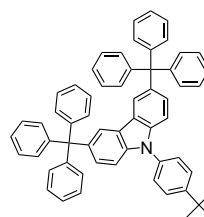
CAS No.	:898546-82-2
Grade	:Sublimed > 99%
Formula	:C ₅₈ H ₄₉ NSi ₂
M.W.	:816.19 g/mole
UV	:275, 301 nm (in CH ₂ Cl ₂)
PL	:354 nm (in CH ₂ Cl ₂)
TGA	:> 320 °C (0.5% weight loss)



LT-N485 | CzC

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

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



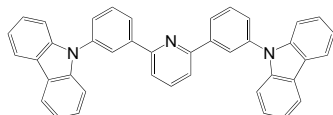
Organic Light-Emitting Diode (OLED) _ OLED Materials

Phosphorescent Host

LT-N491 | 26DCzPPy

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

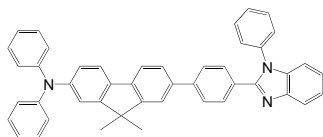
CAS No. :1013405-24-7
Grade :Sublimed >99%
Formula :C₄₁H₂₇N₃
M.W. :561.67 g/mole
UV :239, 292 nm (in CH₂Cl₂)
PL :410 nm (in CH₂Cl₂)
TGA :>370 °C (0.5% weight loss)
Solvent :Toluene, Chloroform



LT-N493 | EFIN

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

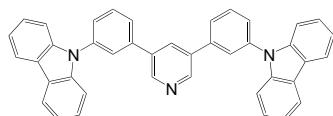
CAS No. :1705571-72-7
Grade :Sublimed >99%
Formula :C₄₆H₃₅N₃
M.W. :629.79 g/mole
UV :370 nm (in CH₂Cl₂)
PL :428 nm (in CH₂Cl₂)
TGA :>320 °C (0.5% weight loss)



LT-N494 | 35DCzPPy

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

CAS No. :1013405-25-8
Grade :Sublimed >99%
Formula :C₄₁H₂₇N₃
M.W. :561.67 g/mole
UV :307, 317 nm (in CH₂Cl₂)
PL :347 nm (in CH₂Cl₂)
TGA :>290 °C (0.5% weight loss)
Solvent :Toluene, Chloroform

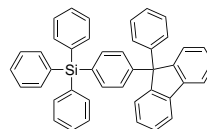


LT-N492 | TPSi-F

NEW

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

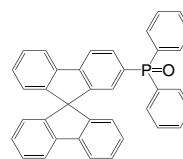
CAS No. :937082-80-9
Grade :>99%
Formula :C₄₃H₃₂Si
M.W. :576.8 g/mole
HOMO :-6.3 eV
LUMO :-2.4 eV



LT-N496 | SPPO1

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

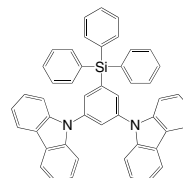
CAS No. :1125547-88-7
Grade :Sublimed >99%
Formula :C₃₇H₂₅OP
M.W. :516.57 g/mole
UV :307, 317 nm (in CH₂Cl₂)
PL :346 nm (in CH₂Cl₂)
TGA :>290 °C (0.5% weight loss)
Solvent :Toluene, Chloroform



LT-N497 | SimCP

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

CAS No. :850221-63-5
Grade :Sublimed >99%
Formula :C₄₈H₃₄N₂Si
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)

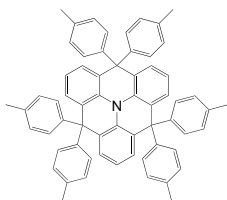


Phosphorescent Host

LT-N499 | FATPA

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

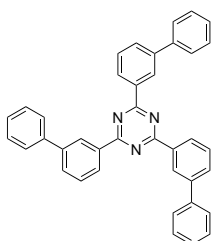
CAS No. :1131007-94-7
 Grade :Sublimed >99%
 Formula :C₆₃H₅₁N
 M.W. :822.09 g/mole
 UV :311 nm (in Toluene)
 PL :375 nm (in Toluene)
 TGA :>320 °C (0.5% weight loss)



LT-N884 | T2T

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

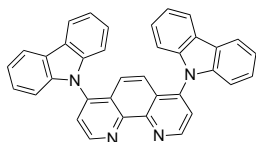
CAS No. :1201800-83-0
 Grade :Sublimed >99%
 Formula :C₃₉H₂₇N₃
 M.W. :537.65 g/mole



LT-N4001 | BUPH1

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

CAS No. :676542-82-8
 Grade :Sublimed >99%
 Formula :C₃₆H₂₂N₄
 M.W. :510.59 g/mole
 HOMO :-5.9 eV
 LUMO :-2.8 eV

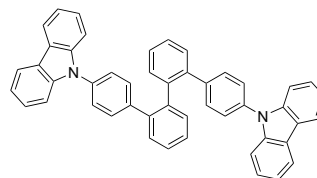


LT-N4002 | BCBP

NEW

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

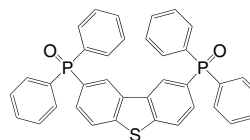
CAS No. :858131-70-1
 Grade :Sublimed >99%
 Formula :C₄₈H₃₂N₂
 M.W. :636.78 g/mole



LT-N4006 | PPT

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

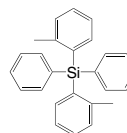
CAS No. :1019842-99-9
 Grade :Sublimed >99%
 Formula :C₃₆H₂₆O₂P₂S
 M.W. :584.60 g/mole
 UV :315, 328 nm (in CH₂Cl₂)
 PL :351 nm (in CH₂Cl₂)
 TGA :>320 °C (0.5% weight loss)



LT-N4008 | UGH-1

Bis(2-methylphenyl)diphenylsilane

CAS No. :18849-24-6
 Grade :Sublimed >99%
 Formula :C₂₆H₂₄Si
 M.W. :364.55 g/mole
 UV :265 nm (in CH₂Cl₂)
 PL :298 nm (in CH₂Cl₂)

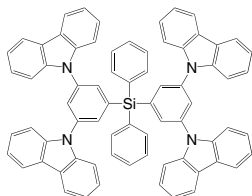


Phosphorescent Host

LT-N4009 | SiMCP2

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

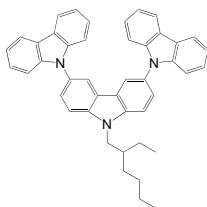
CAS No.	:944465-42-3
Grade	:Sublimed >99%
Formula	:C ₇₂ H ₄₈ N ₄ Si
M.W.	:977.26 g/mole
UV	:324, 338 nm (in CH ₂ Cl ₂)
PL	:362 nm (in CH ₂ Cl ₂)
TGA	:> 380 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4010 | TCz1

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

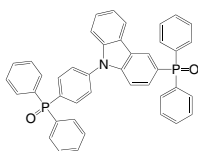
CAS No.	:1021423-90-4
Grade	:Sublimed >99%
Formula	:C ₄₄ H ₃₉ N ₃
M.W.	:609.8 g/mole
UV	:293 nm (in CH ₂ Cl ₂)
PL	:396 nm (in CH ₂ Cl ₂)
TGA	:> 280 °C (0.5% weight loss)



LT-N4011 | PPO21

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

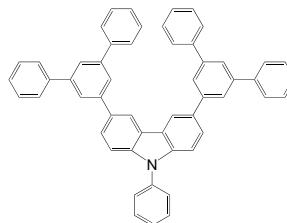
CAS No.	:1226860-68-9
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₁ NO ₂ P ₂
M.W.	:643.65 g/mole
UV	:294, 338 nm (in CH ₂ Cl ₂)
PL	:361 nm (in THF)
TGA	:> 300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4012 | CzTP

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

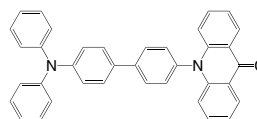
CAS No.	:1201649-79-7
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₃₇ N
M.W.	:699.88 g/mole
UV	:260 nm (in CH ₂ Cl ₂)
PL	:390 nm (in CH ₂ Cl ₂)
TGA	:>360 °C (0.5% weight loss)



LT-N4014 | ADBP

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

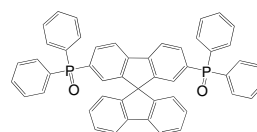
CAS No.	:1188546-10-2
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₆ N ₂ O
M.W.	:514.62 g/mole
UV	:375, 394 nm (in CH ₂ Cl ₂)
PL	:408 nm (in CH ₂ Cl ₂)
TGA	:> 310 °C (0.5% weight loss)



LT-N4015 | SPPO13

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

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

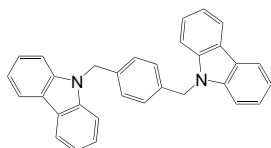


Phosphorescent Host

LT-N4016 | DCB

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

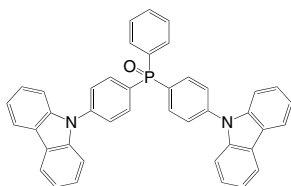
CAS No.	:166256-60-6
Grade	:>99%
Formula	:C ₃₂ H ₂₄ N ₂
M.W.	:436.55 g/mole
UV	:293 nm (in CH ₂ Cl ₂)
PL	:351, 366 nm (in CH ₂ Cl ₂)
TGA	:>230 °C (0.5% weight loss)



LT-N4017 | BCPO

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

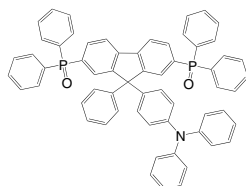
CAS No.	:1233407-28-7
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₉ N ₂ OP
M.W.	:608.67 g/mole
UV	:292 nm (in CH ₂ Cl ₂)
PL	:391 nm (in CH ₂ Cl ₂)
TGA	:>360 °C (0.5% weight loss)



LT-N4018 | POAPF

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

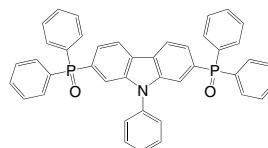
CAS No.	:1198361-98-6
Grade	:Sublimed >99%
Formula	:C ₆₁ H ₄₅ NO ₂ P ₂
M.W.	:885.96 g/mole
UV	:293, 315 nm (in CH ₂ Cl ₂)
PL	:383 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N4025 | PPO27

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

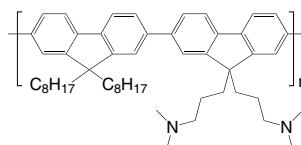
CAS No.	:1299463-56-1
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₁ NO ₂ P ₂
M.W.	:643.65 g/mole
UV	:257, 309 nm (in CH ₂ Cl ₂)
PL	:386 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N4027 | PFN-DOF

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

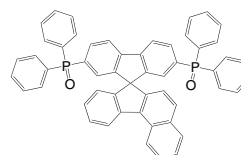
CAS No.	:673474-75-4
Grade	:Mw > 10000 (GPC)
Formula	:(C ₅₂ H ₇₀ N ₂) _n
UV	:378 nm (in CH ₂ Cl ₂)
PL	:414 nm (in CH ₂ Cl ₂)
Solvent	:Soluble in CH ₂ Cl ₂ , CHCl ₃ , Toluene



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 ₂ P ₂
M.W.	:766.8 g/mole
UV	:287 nm (in CH ₂ Cl ₂)
PL	:419 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

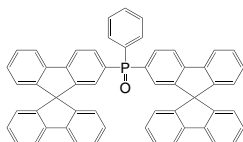


Phosphorescent Host

LT-N4034 | Dspiro-PO

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

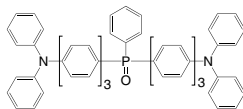
CAS No.	:824426-27-9
Grade	:Sublimed >99%
Formula	:C ₅₆ H ₃₅ OP
M.W.	:754.85 g/mole
UV	:275 nm (film)
PL	:365 nm (film)
TGA	:> 350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4035 | NP3PPO

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

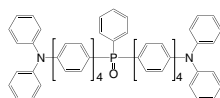
CAS No.	:1415633-86-1
Grade	:>98%
Formula	:C ₇₄ H ₅₃ N ₂ OP
M.W.	:1017.20 g/mole
UV	:349 nm (in CH ₂ Cl ₂)
PL	:466 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4036 | NP4PPO

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

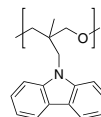
CAS No.	:1415633-87-2
Grade	:>98%
Formula	:C ₈₆ H ₆₁ N ₂ OP
M.W.	:1169.39 g/mole
UV	:347 nm (in CH ₂ Cl ₂)
PL	:471 nm (in CH ₂ Cl ₂)
TGA	:>450 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4037 | PCMO

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

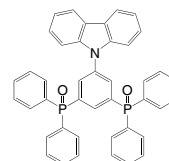
CAS No.	:69678-71-3
Grade	:Mw >30000 (GPC)
Formula	:(C ₁₇ H ₁₇ NO) _n
UV	:237, 263 nm (in CH ₂ Cl ₂)
Solvent	:Soluble in THF, CHCl ₃ , Chlorobenzene, Dichlorobenzene



LT-N4039 | CzPO2

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

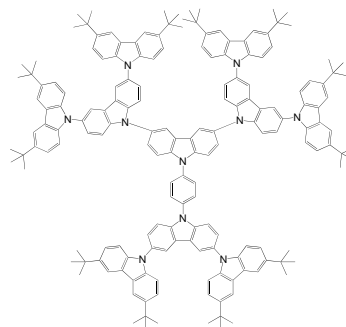
CAS No.	:1256573-07-5
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₁ NO ₂ P ₂
M.W.	:643.65 g/mole
UV	:291 nm (in CH ₂ Cl ₂)
PL	:426 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



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 ₁₇₄ H ₁₇₂ N ₁₀
M.W.	:2403.29 g/mole
UV	:244, 349 nm (in CH ₂ Cl ₂)
PL	:402 nm (in CH ₂ Cl ₂)
Solvent	:Toluene, Chloroform

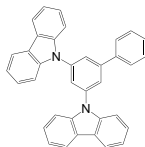


Phosphorescent Host

LT-N4042 | Ph-MCP

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

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

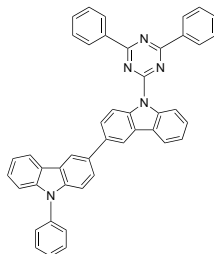


LT-N4043 | CzT

NEW

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

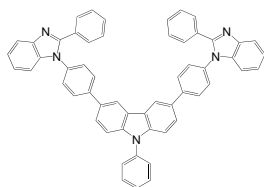
CAS No	:1266389-01-8
Grade	:>99%
Formula	:C ₄₅ H ₂₉ N ₅
M.W.	:639.75 g/mole
HOMO	:-5.49 eV
LUMO	:-2.77 eV



LT-N4046 | CNBzIm

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

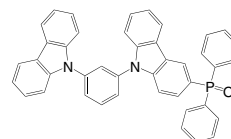
CAS No.	:1258780-50-5
Grade	:Sublimed >99%
Formula	:C ₅₆ H ₃₇ N ₅
M.W.	:779.93 g/mole
UV	:299 nm (in CH ₂ Cl ₂)
PL	:392 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N4047 | mCPPPO1

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

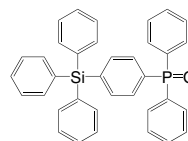
CAS No.	:1296229-26-9
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₉ N ₂ OP
M.W.	:608.67 g/mole
UV	:324, 338 nm (in CH ₂ Cl ₂)
PL	:361 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4048 | TSPO1

Diphenyl-4-triphenylsilylphenyl-phosphine oxide

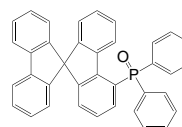
CAS No.	:1286708-86-8
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₉ OPSi
M.W.	:536.67 g/mole
UV	:266 nm (in CH ₂ Cl ₂)
PL	:298 nm (in CH ₂ Cl ₂)
TGA	:>300°C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4049 | SPPO11

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

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

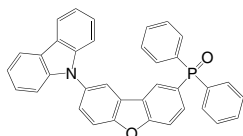


Phosphorescent Host

LT-N4050 | DFCzPO

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

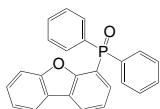
CAS No.	:1349901-36-5
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₄ NO ₂ P
M.W.	:533.56 g/mole
UV	:291, 338 nm (in CH ₂ Cl ₂)
PL	:392 nm (in CH ₂ Cl ₂)
TGA	:>300 °C (0.5% weight loss)



LT-N4051 | DBFPPO

Dibenzofuran-4-yl-diphenyl-phosphine-oxide

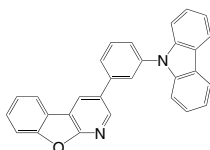
CAS No.	:1268162-33-9
Grade	:Sublimed >99%
Formula	:C ₂₄ H ₁₇ O ₂ P
M.W.	:368.36 g/mole
UV	:288 nm (in CH ₂ Cl ₂)
PL	:328 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



LT-N4057 | PCz-BFP

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

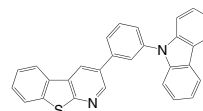
CAS No.	:1424369-36-7
Grade	:Sublimed >99%
Formula	:C ₂₉ H ₁₈ N ₂ O
M.W.	:410.47 g/mole
UV	:241, 293 nm (in CH ₂ Cl ₂)
PL	:364 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:1,2-dichloroethane, CHCl ₃



LT-N4058 | BTP1

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

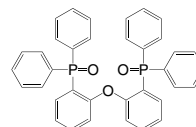
CAS No.	:1421599-23-6
Grade	:Sublimed >99%
Formula	:C ₂₉ H ₁₈ N ₂ S
M.W.	:426.53 g/mole
UV	:291, 339 nm (in CH ₂ Cl ₂)
PL	:365 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N4060 | DPEPO

Bis[2-(diphenylphosphino)phenyl]ether oxide

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

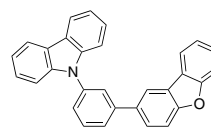


LT-N4061 | CzDBF

NEW

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

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

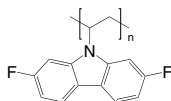


Phosphorescent Host

LT-N4062 | 2,7-F-PVF

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

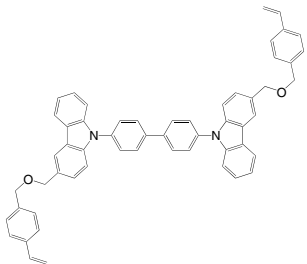
CAS No.	:1227083-33-1
Grade	:Mw >30000 (GPC)
Formula	:(C ₁₄ H ₉ F ₂ N) _n
UV	:261, 294 nm (in CH ₂ Cl ₂)
PL	:397 nm (in CH ₂ Cl ₂)
Solvent	:Soluble in CHCl ₃ , Chlorobenzene, Dichlorobenzene



LT-N4063 | DV-CBP

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

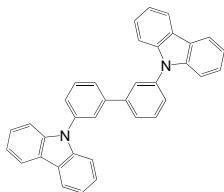
CAS No.	:1428901-78-3
Grade	:>99%
Formula	:C ₅₆ H ₄₄ N ₂ O ₂
M.W.	:776.96 g/mole
UV	:246, 295 nm (in CH ₂ Cl ₂)
PL	:381 nm (in CH ₂ Cl ₂)
Solvent	:1,2-dichloroethane, CHCl ₃



LT-N4069 | m-CBP

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

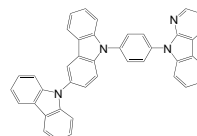
CAS No.	:342638-54-4
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₄ N ₂
M.W.	:484.59 g/mole
UV	:292, 328 nm (in CH ₂ Cl ₂)
PL	:349 nm (in THF)
TGA	:>250 °C(0.5% weight loss)



LT-N4070 | pBCb2Cz

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

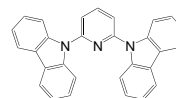
CAS No.	:1446517-60-7
Grade	:Sublimed >99%
Formula	:C ₄₁ H ₂₆ N ₄
M.W.	:574.67 g/mole
UV	:239, 294 nm (in CH ₂ Cl ₂)
PL	:381 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)



LT-N4072 | PYD-2Cz

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

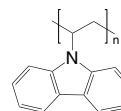
CAS No.	:168127-49-9
Grade	:Sublimed >99%
Formula	:C ₂₉ H ₁₉ N ₃
M.W.	:409.48 g/mole
UV	:241, 290 nm (in CH ₂ Cl ₂)
PL	:373 nm (in THF)
TGA	:>250 °C (0.5% weight loss)



LT-N4077 | PVK

Poly(9-vinylcarbazole)

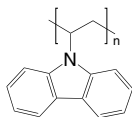
CAS No.	:25067-59-8
Grade	:Mw >20000 (GPC)
Formula	:(C ₁₄ H ₁₁ N) _n
UV	:261, 294 nm (in CH ₂ Cl ₂)
PL	:380 nm (in THF)
Solvent	:Soluble in THF, CHCl ₃ , Chlorobenzene, Dichlorobenzene



LT-N4078 | PVK

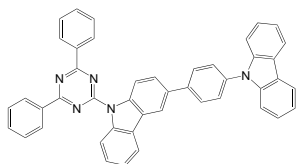
Poly(9-vinylcarbazole)

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

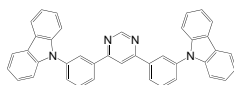
3-(4-(9H-Carbazol-9-yl)phenyl)-9-(4,6-diphenyl-1,3,5-triazin-2-yl)-9H-carbazole

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

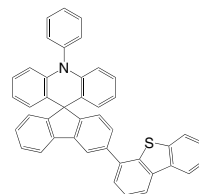
4,6-Bis(3-(9H-carbazol-9-yl)phenyl)pyrimidine

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

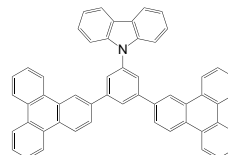
3'-(Dibenzo[b,d]thiophen-4-yl)-10-phenyl-10H-spiro[acridine-9,9'-fluorene]

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

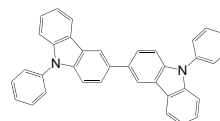
9-(3,5-Di(triphenylen-2-yl)phenyl)-9H-carbazole

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)

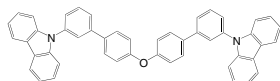


Phosphorescent Host

LT-N4086 | CBBPE

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

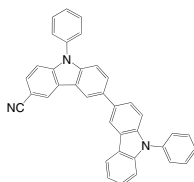
CAS No.	:1470161-29-5
Grade	:Sublimed >99%
Formula	:C ₄₈ H ₃₂ N ₂ O
M.W.	:652.78 g/mole
UV	:240 nm (in CH ₂ Cl ₂)
PL	:350 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N4088 | BCzSCN

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

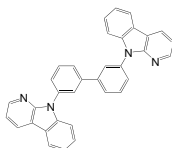
CAS No.	:1462896-48-5
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₃ N ₃
M.W.	:509.6 g/mole
UV	:250, 301 nm (in CH ₂ Cl ₂)
PL	:416 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N4092 | CbBPCb

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

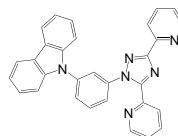
CAS No.	:1469997-91-8
Grade	:Sublimed >99%
Formula	:C ₃₄ H ₂₂ N ₄
M.W.	:486.57 g/mole
UV	:240, 297 nm (in THF)
PL	:382 nm (in THF)



LT-N4099 | m-cbtz

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

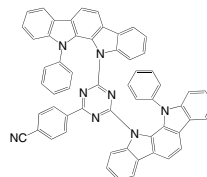
CAS No.	:1361953-33-4
Grade	:Sublimed >99%
Formula	:C ₃₀ H ₂₀ N ₆
M.W.	:464.52 g/mole
UV	:293, 340 nm (in THF)
PL	:427 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



LT-N4100 | BBICT

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

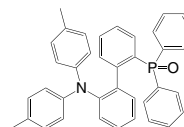
CAS No.	:1617496-77-1
Grade	:Sublimed >99%
Formula	:C ₅₈ H ₃₄ N ₈
M.W.	:842.94 g/mole
UV	:260, 330 nm (in CH ₂ Cl ₂)
PL	:450 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



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 ₃₈ H ₃₂ 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)

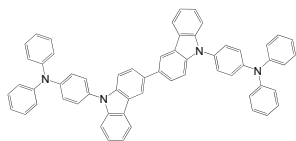


Phosphorescent Host

LT-N4102 | BCzTPA

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

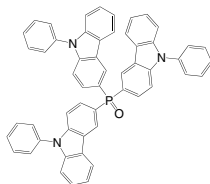
CAS No.	:1032174-52-9
Grade	:Sublimed >99%
Formula	:C ₆₀ H ₄₂ N ₄
M.W.	:819.00 g/mole
UV	:310, 341 nm (film)
PL	:397 nm (film)
TGA	:> 300 °C (0.5% weight loss)
Tg	:157 °C
HOMO	:-5.6 eV
LUMO	:-2.2 eV



LT-N4107 | POCz3

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

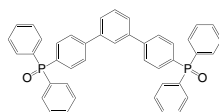
CAS No.	:1392204-91-9
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₃₆ N ₃ OP
M.W.	:773.86 g/mole
UV	:260 nm (in CH ₂ Cl ₂)
PL	:351 nm (in CH ₂ Cl ₂)
TGA	:> 300 °C (0.5% weight loss)



LT-N4115 | BPOPb

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

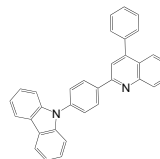
CAS No.	:1863083-31-1
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₂ O ₂ P ₂
M.W.	:630.65 g/mole
UV	:251, 290 nm (in CH ₂ Cl ₂)
PL	:340 nm (in CH ₂ Cl ₂)
TGA	:> 270 °C (0.5% weight loss)



LT-N4116 | CzPPQ

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

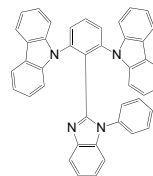
CAS No.	:1617494-49-1
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₂ N ₂
M.W.	:446.54 g/mole
UV	:247, 292, 342 nm (in CH ₂ Cl ₂)
PL	:442 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)



LT-N4125 | o-DiCbzBz

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

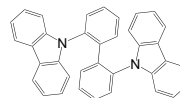
CAS No.	:1874260-94-2
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₂₈ N ₄
M.W.	:600.71 g/mole
UV	:354 nm (film)
PL	:418 nm
Tg	:117 °C
HOMO	:-5.8 eV
LUMO	:-2.3 eV



LT-N4129 | o-CBP

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

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

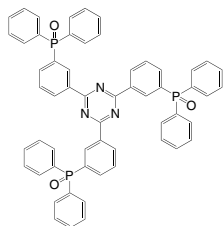


Phosphorescent Host

LT-N4139 | PO-T2T

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

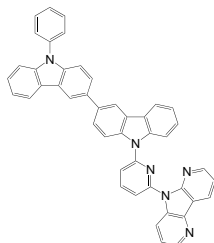
CAS No.	:1646906-26-4
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₄₂ N ₃ O ₃ P ₃
M.W.	:909.8 g/mole
UV	:272 nm (in CH ₂ Cl ₂)
PL	:295, 379 nm (in CH ₂ Cl ₂)
HOMO	:-3.5 eV
LUMO	:-7.5 eV



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

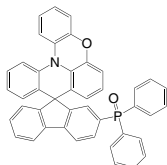
CAS No.	:2041519-51-9
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₂₈ N ₅
M.W.	:652.74 g/mole
UV	:300, 329 nm (in CH ₂ Cl ₂)
PL	:385, 402 nm (in CH ₂ Cl ₂)
HOMO	:-5.54 eV
LUMO	:-2.16 eV



LT-N4146 | Tri-o-2PO

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

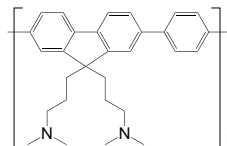
CAS No.	:2055589-19-8
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₂₈ NO ₂ P
M.W.	:621.66 g/mole
UV	:312, 350 nm (in CH ₂ Cl ₂)
Emission	:450 nm (in CH ₂ Cl ₂)



LT-N4160 | PFN-B

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

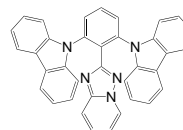
CAS No.	:673474-79-8
Formula	:(C ₂₉ H ₃₄ N ₂) _n
HOMO	:-5.70 eV
LUMO	:-2.12 eV



LT-N4164 | o-CzTP

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

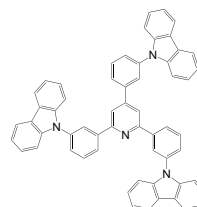
CAS No.	:2127406-34-0
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₃ N ₅
M.W.	:525.60 g/mole
Emission	:397 nm (in Toluene)
HOMO	:-5.38 eV
LUMO	:-1.78 eV



LT-N4165 | TCPY

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

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

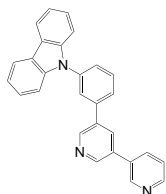


Phosphorescent Host

LT-N4173 | m-BPySCz

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

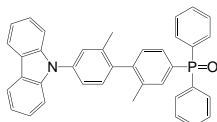
CAS No. :2245948-99-4
 Grade :Sublimed >99%
 Formula :C₂₈H₁₉N₃
 M.W. :397.47 g/mole
 UV :291, 327, 340 nm (film)
 Emission :402 nm (in neat film)
 HOMO :-5.57 eV
 LUMO :-2.47 eV



LT-N4174 | m-CBPPO

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

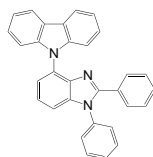
CAS No. :1206906-21-9
 Grade :Sublimed >99%
 Formula :C₃₈H₃₀NOP
 M.W. :547.62 g/mole
 Emission :350, 362 nm (in 2-MeTHF)
 HOMO :-5.68 eV
 LUMO :-2.18 eV



LT-N4175 | 4-CbzBiz

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

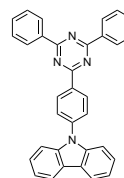
CAS No. :2270842-62-9
 Grade :Sublimed >99%
 Formula :C₃₁H₂₁N₃
 M.W. :435.52 g/mole
 Emission :413 nm (FL in THF)
 HOMO :-5.68 eV (sol) ; -5.93 eV (film)
 LUMO :-2.36 eV (sol) ; -2.48 eV (film)



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 :C₃₃H₂₂N₄
 M.W. :474.55 g/mole

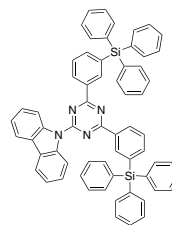


LT-N4203 | DSiCzTrz

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 :C₆₃H₄₆N₄Si₂
 M.W. :915.24 g/mole
 HOMO :-6.14 eV
 LUMO :-2.79 eV

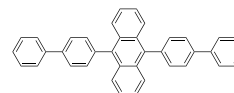


LT-N4206

NEW

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

CAS No. :43069-36-9
 Grade :Sublimed >99%
 Formula :C₃₈H₂₆
 M.W. :482.61 g/mole



Phosphorescent Host

LT-N4221

NEW

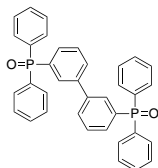
[1,1'-Biphenyl]-3,3'-diylbis(diphenylphosphine oxide)

CAS No. :1201905-85-2

Grade :>99%

Formula :C₃₆H₂₈O₂P₂

M.W. :554.55 g/mole



LT-N4222

NEW

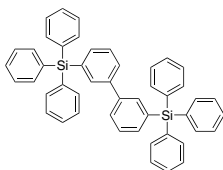
3,3'-Bis(triphenylsilyl)biphenyl

CAS No. :18826-15-8

Grade :>99%

Formula :C₄₈H₃₈Si₂

M.W. :670.99 g/mole



LT-N4223

NEW

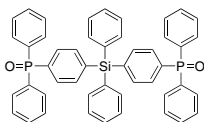
((Diphenylsilylanediyl)bis(4,1-phenylene)bis(diphenylphosphine oxide))

CAS No. :934466-45-2

Grade :>99%

Formula :C₄₈H₃₈O₂P₂Si

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%

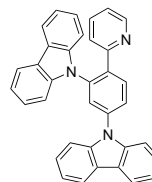
Formula :C₃₅H₂₃N₃

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%

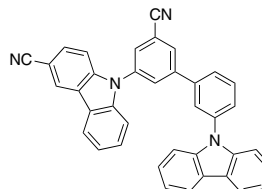
Formula :C₃₈H₂₂N₄

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 :C₃₇H₂₃N₃

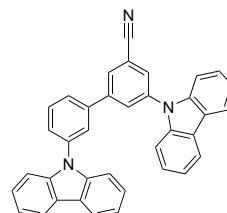
UV :335 nm (film)

PL :412 nm (film)

M.W. :509.6 g/mole

HOMO :-6.1 eV

LUMO :-2.5 eV



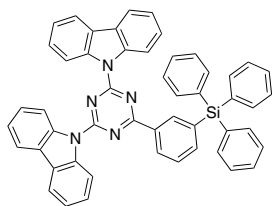
Phosphorescent Host

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 :C₅₁H₃₅N₅Si
M.W. :745.94 g/mole
HOMO :-5.99 eV
LUMO :-2.75 eV

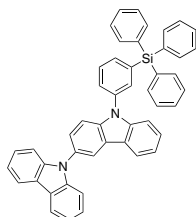


LT-N4240 | SiCzCz

NEW

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

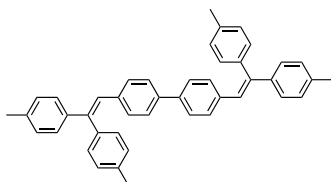
CAS No. :2665768-26-1
Grade :Sublimed >99%
Formula :C₄₈H₃₄N₂Si
M.W. :666.88 g/mole
HOMO :-5.55 eV
LUMO :-1.91 eV



Fluorescent Host

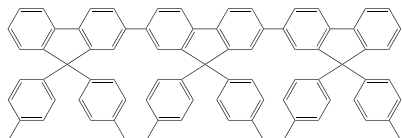
LT-E406 | p-DMDPVBi

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 :C₄₄H₃₈
 M.W. :566.77 g/mole
 UV :355 nm (in CH₂Cl₂)
 PL :437 nm (in CH₂Cl₂)



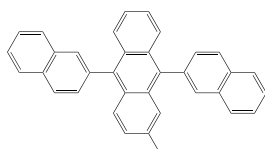
LT-E408 | TDAF

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 :C₈₁H₆₂
 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



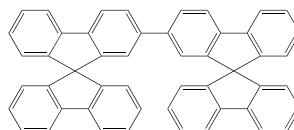
LT-E410 | MADN

2-Methyl-9,10-bis(naphthalen-2-yl)anthracene
 CAS No. :804560-00-7
 Grade :Sublimed >99.5%
 Formula :C₃₅H₂₄
 M.W. :444.57 g/mole
 UV :379, 399 nm (in CH₂Cl₂)
 PL :439 nm (in CH₂Cl₂)
 TGA :> 300 °C (0.5% weight loss)
 MADN :>98%



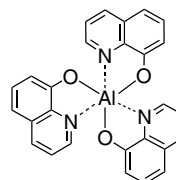
LT-E411 | BSBF

2-(9,9-Spirobifluoren-2-yl)-9,9-spirobifluorene
 CAS No. :664345-18-0
 Grade :Sublimed >99%
 Formula :C₅₀H₃₀
 M.W. :630.77 g/mole
 UV :330 nm (in THF)
 PL :384 nm (in THF)
 TGA :>310 °C (0.5% weight loss)



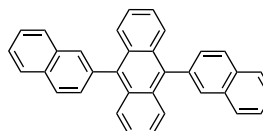
LT-E401 | Alq3

Tris(8-hydroxy-quinolino)aluminium
 CAS No. :2085-33-8
 Grade :Sublimed >99.5%
 Formula :C₂₇H₁₈AlN₃O₃
 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 :C₃₄H₂₂
 M.W. :430.54 g/mole
 UV :375, 395 nm (in THF)
 PL :425 nm (in THF)
 TGA :>290 °C (0.5% weight loss)

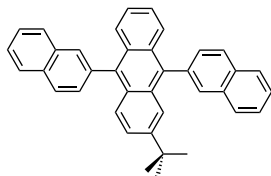


Fluorescent Host

LT-E404 | TBADN

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

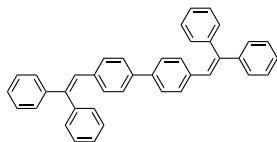
CAS No.	:274905-73-6
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₃₀
M.W.	:486.64 g/mole
UV	:375, 395 nm (in THF)
PL	:431 nm (in THF)
TGA	:>290 °C (0.5% weight loss)



LT-E405 | DPVBi

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

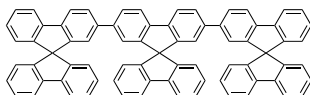
CAS No.	:142289-08-5
Grade	:Unsublimed >99%
Formula	:C ₄₀ H ₃₀
M.W.	:510.23 g/mole
UV	:353 nm (in CHCl ₃)
PL	:442 nm (in CHCl ₃)
TGA	:>300 °C (0.5% weight loss)



LT-E412 | TSBF

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

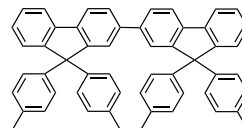
CAS No.	:518997-91-6
Grade	:Sublimed >99%
Formula	:C ₇₅ H ₄₄
M.W.	:945.15 g/mole
UV	:350 nm (in THF)
PL	:415 nm (in THF)
TGA	:>390 °C (0.5% weight loss)



LT-E413 | BDAF

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

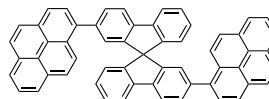
CAS No.	:854046-47-2
Grade	:Sublimed >97%
Formula	:C ₅₄ H ₄₂
M.W.	:690.91 g/mole
UV	:333 nm (in THF)
PL	:386 nm (in THF)
TGA	:>310 °C (0.5% weight loss)



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

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

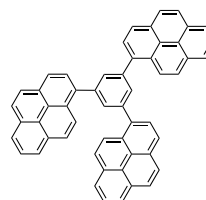
CAS No.	:831222-16-3
Grade	:Sublimed >98%
Formula	:C ₅₇ H ₃₂
M.W.	:716.86 g/mole
UV	:279, 347 nm (in THF)
PL	:414 nm (in THF)
TGA	:>440 °C (0.5% weight loss)



LT-N429 | TPB3

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

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

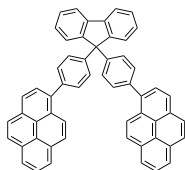


Fluorescent Host

LT-N447 | BPPF

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

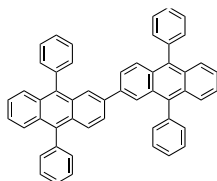
CAS No.	:1174006-47-3
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₄
M.W.	:718.88 g/mole
UV	:280, 344 nm (in THF)
PL	:402 nm (in THF)
TGA	:>430 °C (0.5% weight loss)



LT-N452 | TPBA

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

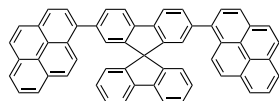
CAS No.	:172285-72-2
Grade	:Sublimed >99%
Formula	:C ₅₂ H ₃₄
M.W.	:658.83 g/mole
UV	:294, 333 nm (in THF)
PL	:455 nm (in THF)
TGA	:>390 °C (0.5% weight loss)



LT-N458 | Spiro-Pye

2,7-Dipyrenyl-9,9-spirobifluorene

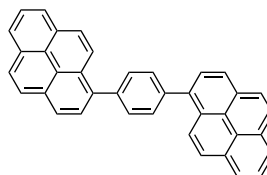
CAS No.	:886456-80-0
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₂
M.W.	:716.86 g/mole
UV	:363 nm (in THF)
PL	:424 nm (in THF)
TGA	:>440 °C (0.5% weight loss)



LT-N472 | p-Bpye

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

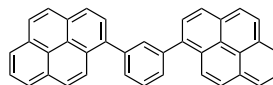
CAS No.	:475460-77-6
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₂
M.W.	:478.58 g/mole
UV	:280, 351 nm (in CH ₂ Cl ₂)
PL	:431 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



LT-N473 | m-Bpye

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

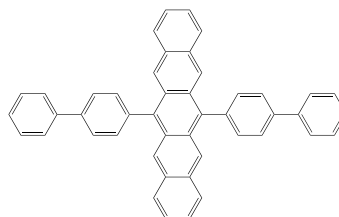
CAS No.	:1616657-81-8
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₂
M.W.	:478.58 g/mole
UV	:279, 350 nm (in THF)
PL	:384 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



LT-N478 | DBPenta

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

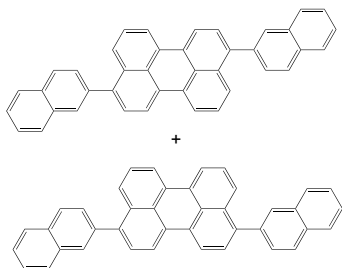
CAS No.	:1254039-84-3
Grade	:Sublimed >99%
Formula	:C ₄₆ H ₃₀
M.W.	:582.73 g/mole
UV	:305 nm (in THF)
PL	:620 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



LT-N479 | DNP

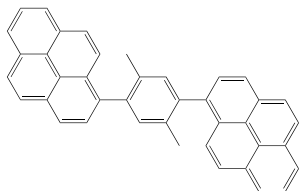
3,9-Di(naphthalen-2-yl)perylene and 3,10-di(naphthalen-2-yl)perylene mixture

CAS No.	:959611-30-4 and 919089-75-1
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₂₄
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

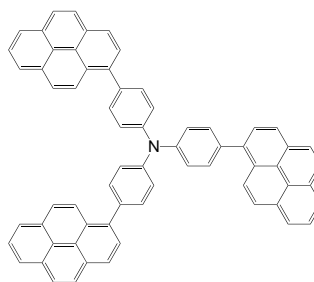
1,1'-(2,5-Dimethyl-1,4-phenylene)dipyrrene

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

**LT-N487** | TPyPA

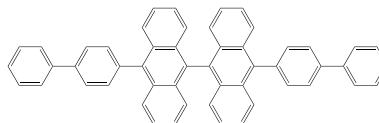
Tris[4-(pyrenyl)-phenyl]amine

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

**LT-N488** | BANE

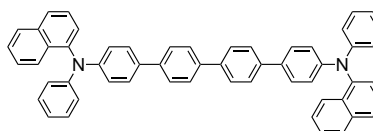
10,10'-Di(biphenyl-4-yl)-9,9'-bianthracene

CAS No.	:172285-79-9
Grade	:Sublimed >99%
Formula	:C ₅₂ H ₃₄
M.W.	:658.83 g/mole
UV	:260 nm (in CH ₂ Cl ₂)
PL	:449 nm (in CH ₂ Cl ₂)
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 ₅₆ H ₄₀ N ₂
M.W.	:740.93 g/mole
UV	:351 nm (in CH ₂ Cl ₂)
PL	:422 nm (in CH ₂ Cl ₂)
TGA	:>380 °C (0.5% weight loss)

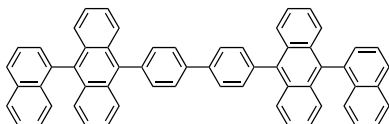


Fluorescent Host

LT-N490 | BUBH-3

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

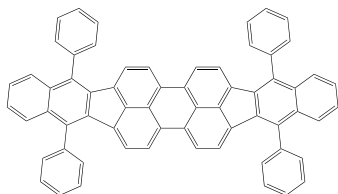
CAS No.	:1002328-32-6
Grade	:Sublimed >99%
Formula	:C ₆₀ H ₃₈
M.W.	:758.94 g/mole
UV	:262 nm (in CH ₂ Cl ₂)
PL	:420 nm (in CH ₂ Cl ₂)
TGA	:>440 °C (0.5% weight loss)



LT-N4003 | DBP

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

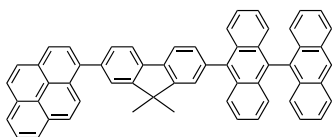
CAS No.	:175606-05-0
Grade	:Sublimed >99%
Formula	:C ₆₄ H ₃₆
M.W.	:804.97 g/mole
UV	:333 nm (in THF)
PL	:610 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-N4004 | BAnFPye

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

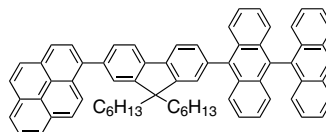
CAS No.	:1705571-70-5
Grade	:Sublimed >99%
Formula	:C ₅₉ H ₃₈
M.W.	:746.93 g/mole
UV	:356 nm (in CH ₂ Cl ₂)
PL	:433 nm (in CH ₂ Cl ₂)
TGA	:>440 °C (0.5% weight loss)



LT-N4005 | DAnF6Pye

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

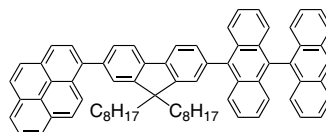
CAS No.	:1705571-71-6
Grade	:>99%
Formula	:C ₆₉ H ₅₈
M.W.	:877.20 g/mole
UV	:358 nm (in CH ₂ Cl ₂)
PL	:437 nm (in CH ₂ Cl ₂)
TGA	:Toluene, Chloroform



LT-N4040 | BAnF8Pye

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

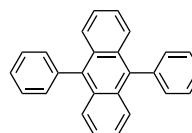
CAS No.	:1258522-34-7
Grade	:>99%
Formula	:C ₇₃ H ₆₆
M.W.	:943.31 g/mole
UV	:257, 356 nm (in CH ₂ Cl ₂)
PL	:440 nm (in CH ₂ Cl ₂)
TGA	:>330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4084 | ADP

9,10-Diphenylanthracene

CAS No.	:1499-10-1
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₈
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

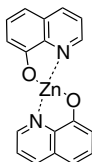
Grade :>99%

Formula :C₁₈H₁₂N₂O₂Zn

M.W. :353.71 g/mole

PL :465 nm (film)

TGA :>220 °C (0.5% weight loss)

**LT-N4094** | CPPyC

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

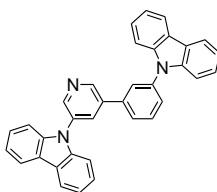
CAS No. :1583238-16-7

Grade :>99%

Formula :C₃₅H₂₃N₃

M.W. :485.58 g/mole

TGA :>200 °C (0.5% weight loss)

**LT-N4096** | SF3PO

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

CAS No. :1454615-69-0

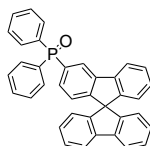
Grade :>99%

Formula :C₃₇H₂₅OP

M.W. :516.57 g/mole

UV :308, 314 nm (in CH₂Cl₂)PL :322 nm (in CH₂Cl₂)

TGA :>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 >99%

Formula :C₄₃H₃₀NOP

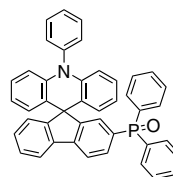
M.W. :607.68 g/mole

UV :280, 325 nm (in CH₂Cl₂)PL :435 nm (in CH₂Cl₂)

TGA :>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

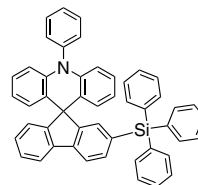
Grade :Sublimed >99%

Formula :C₄₉H₃₅NSi

M.W. :665.89 g/mole

UV :285, 313 nm (in CH₂Cl₂)PL :413 nm (in CH₂Cl₂)

TGA :>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 >99%

Formula :C₃₀H₂₂N₄

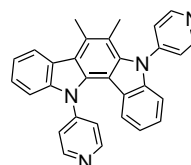
M.W. :438.52 g/mole

UV :310, 344, 359 nm (in CH₂Cl₂)

HOMO :-5.47 eV

LUMO :-2.17 eV

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

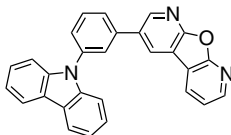


Fluorescent Host

LT-N4114 | 3CzPPF

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

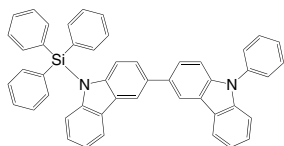
CAS No.	:1443793-91-6
Grade	:Sublimed >99%
Formula	:C ₂₈ H ₁₇ N ₃ O
M.W.	:411.45 g/mole
UV	:412 nm (in CH ₂ Cl ₂)
PL	:412 nm (film)
HOMO	:-6.08 eV
LUMO	:-3.06 eV
Triplet Energy	:2.82 eV



LT-N4122 | BCz-Si

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

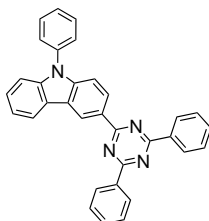
CAS No.	:1770916-57-8
Grade	:Sublimed >99%
Formula	:C ₄₈ H ₃₄ N ₂ Si
M.W.	:666.88 g/mole
UV	:245, 350 nm (in CH ₂ Cl ₂)
PL	:401 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5 % weight loss)
HOMO	:-5.62 eV
LUMO	:-2.3 eV



LT-N4126 | DPTPCz

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

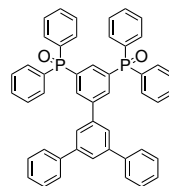
CAS No.	:1313391-57-9
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₂ N ₄
M.W.	:474.55 g/mole
UV	:305, 353 nm (in EA)
PL	:416 nm (in EA)
Tg	:86 °C
HOMO	:-5.69 eV
LUMO	:-2.76 eV



LT-N4127 | POPH

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

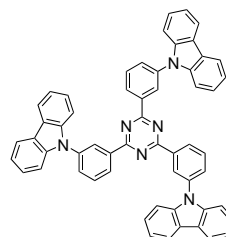
CAS No.	:1818448-28-0
Grade	:Sublimed >99%
Formula	:C ₄₈ H ₃₆ O ₂ P ₂
M.W.	:706.75 g/mole
PL	:355 nm (film)
HOMO	:-6.7 eV
LUMO	:-2.5 eV



LT-N4128 | TCPZ

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

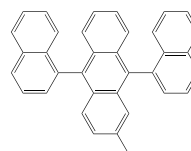
CAS No.	:890148-68-2
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₆ N ₆
M.W.	:804.94 g/mole
UV	:283, 296 nm (film)
PL	:467 nm (film)
Tg	:162 °C
HOMO	:-6.18 eV
LUMO	:-2.95 eV



LT-N4151 | MAD-1N

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

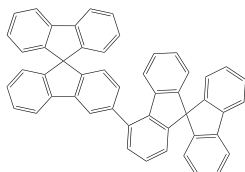
CAS No.	:863497-34-1
Grade	:Sublimed >99%
Formula	:C ₃₅ H ₂₄
M.W.	:444.57 g/mole



LT-N4152 | SF34

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

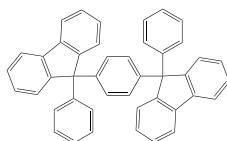
CAS No. :1799329-54-6
 Grade :Sublimed >99%
 Formula :C₅₀H₃₀
 M.W. :630.77 g/mole
 UV :306, 320 nm (in Hexane)
 PL :369 nm (in Hexane)
 Tg :177 °C
 HOMO :-5.76 eV
 LUMO :-2.11 eV



LT-N4154 | pDPFB

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

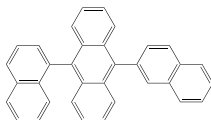
CAS No. :1138331-98-2
 Grade :Sublimed >99%
 Formula :C₄₄H₃₀
 M.W. :558.71 g/mole



LT-N4156

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

CAS No. :855828-36-3
 Grade :Sublimed >99%
 Formula :C₃₄H₂₂
 M.W. :430.54 g/mole

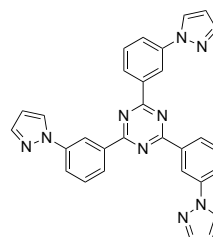


LT-N4163 | 3P-T2T

NEW

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

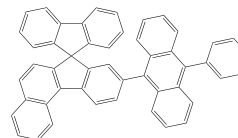
CAS No. :352196-01-1
 Grade :Sublimed >99%
 Formula :C₃₀H₂₁N₉
 M.W. :507.55 g/mole



LT-N4178 | BH-9PA

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

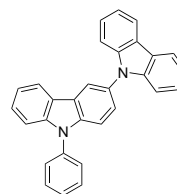
CAS No. :1262281-88-8
 Grade :Sublimed >99%
 Formula :C₄₉H₃₀
 M.W. :618.76 g/mole
 UV :395 nm (in CHCl₃)
 Emission :428 nm (in CHCl₃)
 HOMO :-5.87 eV
 LUMO :-2.91 eV



LT-N4188 | CCP

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

CAS No. :1026033-51-1
 Grade :Sublimed >99%
 Formula :C₃₀H₂₀N₂
 M.W. :408.49 g/mole
 HOMO :-5.97 eV
 LUMO :-2.52 eV

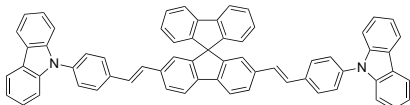


Fluorescent Host

LT-N4189 | CzPVSBF **NEW**

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

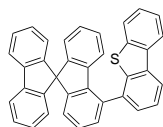
CAS No. :1219927-93-1
 Grade :>98%
 Formula :C₆₅H₄₂N₂
 M.W. :851.04 g/mole



LT-N4191 | DBTSP4

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

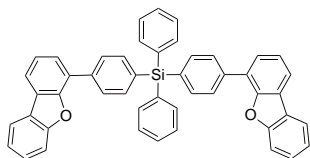
CAS No. :1422273-41-3
 Grade :Sublimed >99%
 Formula :C₃₇H₂₂S
 M.W. :498.64 g/mole
 PL :441 nm (2-MeTHF)
 HOMO :-6.3 eV
 LUMO :-2.7 eV



LT-N4192 | DBFSiDBF

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

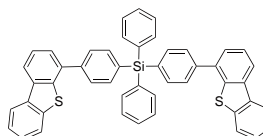
CAS No. :2655735-94-5
 Grade :Sublimed >99%
 Formula :C₄₈H₃₂O₂Si
 M.W. :668.85 g/mole
 PL :351 nm (in Toluene)
 HOMO :-6.45 eV
 LUMO :-2.68 eV



LT-N4193 | DBTSiDBT

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

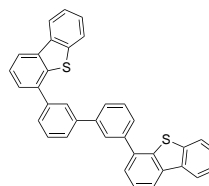
CAS No. :2655735-95-6
 Grade :Sublimed >99%
 Formula :C₄₈H₃₂S₂Si
 M.W. :700.98 g/mole
 PL :355 nm (in Toluene)
 HOMO :-6.24 eV
 LUMO :-2.65 eV



LT-N4194 | m-BPDPT

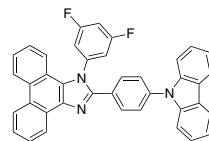
3,3'-Bis(dibenzo[b,d]thiophen-4-yl)-1,1'-biphenyl

CAS No. :1128045-14-6
 Grade :Sublimed >99%
 Formula :C₃₆H₂₂S₂
 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 :C₃₉H₂₃F₂N₃
 M.W. :571.62 g/mole
 UV :360 nm (in Toluene)
 PL :403 nm (in Toluene)
 HOMO :-5.53 eV
 LUMO :-2.23 eV

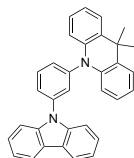


LT-N4196

NEW

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

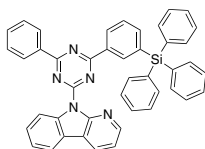
CAS No. :1952256-71-1
 Grade :Sublimed >99%
 Formula :C₃₃H₂₆N₂
 M.W. :450.57 g/mole



LT-N4197 SiCblTrz

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

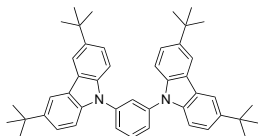
Grade :Sublimed >99%
 Formula :C₄₄H₃₁N₅Si
 M.W. :657.84 g/mole
 HOMO :-6.22 eV
 LUMO :-2.69 eV



LT-N4198 mCP-t-Bu

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

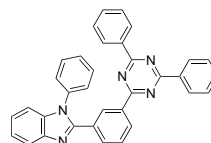
CAS No. :601454-38-0
 Grade :Sublimed >99%
 Formula :C₄₆H₅₂N₂
 M.W. :632.92 g/mole
 UV :297, 331, 345 nm (in THF)
 HOMO :-5.8 eV
 LUMO :-2.4 eV



LT-N4199 PIM-TRZ

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

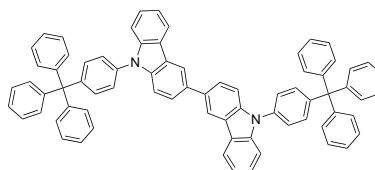
CAS No. :2055255-50-8
 Grade :Sublimed >99%
 Formula :C₃₄H₂₃N₅
 M.W. :501.58 g/mole
 HOMO :-5.90 eV
 LUMO :-2.90 eV



LT-N4200 BCzTPM

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

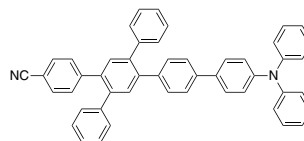
CAS No. :1336889-27-0
 Grade :Sublimed >99%
 Formula :C₇₄H₅₂N₂
 M.W. :969.22 g/mole
 HOMO :-5.72 eV
 LUMO :-2.41 eV



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 :C₄₉H₃₄N₂
 M.W. :650.81 g/mole
 PL :450 nm (film)
 HOMO :-5.22 eV
 LUMO :-2.04 eV



Fluorescent Host

LT-N4214

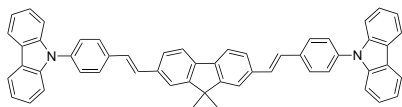
NEW

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

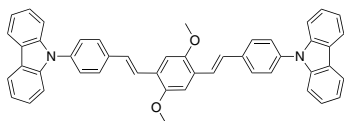
9,9'-(((1E,1'E)-(2,5-dimethoxy-1,4-phenylene)bis(ethene-2,1-diyl))bis(4,1-phenylene))bis(9H-carbazole)

CAS No. : 320575-33-5

Grade : >98%

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

M.W. : 672.81 g/mole



LT-N4217

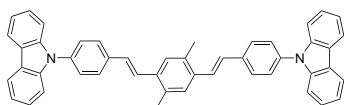
NEW

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%

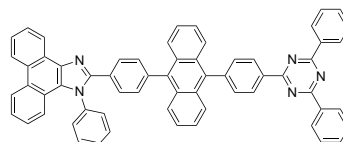
Formula : $C_{62}H_{39}N_5$

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%

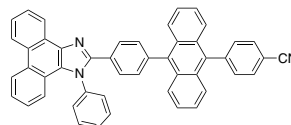
Formula : $C_{48}H_{29}N_3$

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

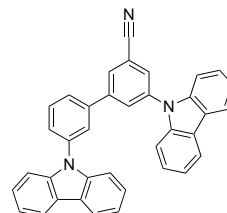
UV : 335 nm (film)

PL : 412 nm (film)

M.W. : 509.6 g/mole

HOMO : -6.1 eV

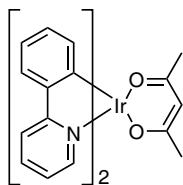
LUMO : -2.5 eV



LT-E505 | Ir(ppy)₂(acac)

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

CAS No.	:337526-85-9
Grade	:Sublimed >99%
Formula	:C ₂₇ H ₂₃ IrN ₂ O ₂
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

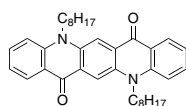


LT-E506 | QA-C8

NEW

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

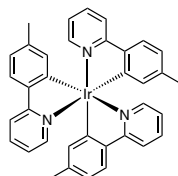
CAS No.	:98259-08-6
Grade	:Sublimed >98%
Formula	:C ₃₆ H ₄₄ N ₂ O ₂
M.W.	:536.75 g/mole



LT-N506 | Ir(mppy)₃

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

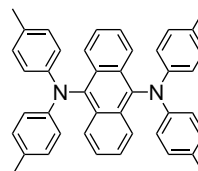
CAS No.	:149005-33-4
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₃₀ IrN ₃
M.W.	:696.86 g/mole
UV	:287, 373 nm (in CH ₂ Cl ₂)
PL	:514 nm (in CH ₂ Cl ₂)
TGA	:> 330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N507 | TTPA

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

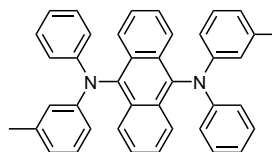
CAS No.	:177799-16-5
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₆ N ₂
M.W.	:568.75 g/mole
UV	:294, 471 nm (in CH ₂ Cl ₂)
PL	:554 nm (in CH ₂ Cl ₂)
TGA	:>280 °C (0.5% weight loss)



LT-N508 | TPA

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

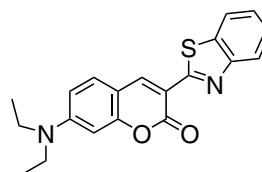
CAS No.	:189263-81-8
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₃₂ N ₂
M.W.	:540.70 g/mole
UV	:292, 458 nm (in CH ₂ Cl ₂)
PL	:532 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E501 | Coumarin 6

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

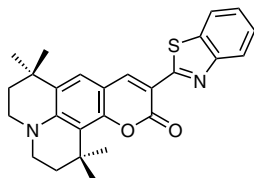
CAS No.	:38215-36-0
Grade	:Sublimed >99%
Formula	:C ₂₀ H ₁₈ N ₂ O ₂ S
M.W.	:350.43 g/mole
UV	:443 nm (in THF)
PL	:493 nm (in THF)
TGA	:>260 °C (0.5% weight loss)



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

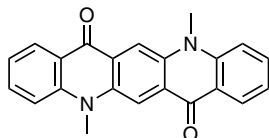
CAS No.	:155306-71-1
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₂₆ N ₂ O ₂ S
M.W.	:430.56 g/mole
UV	:473 nm (in THF)
PL	:506 nm (in THF)
TGA	:>240 °C (0.5% weight loss)



LT-E503 | DMQA

N,N'-Dimethyl-quinacridone

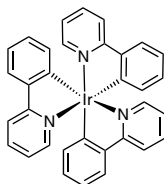
CAS No.	:19205-19-7
Grade	:Sublimed >99%
Formula	:C ₂₂ H ₁₆ N ₂ O ₂
M.W.	:340.37 g/mole
UV	:294, 510 nm (in THF)
PL	:523 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



LT-E504 | fac-Ir(ppy)3

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

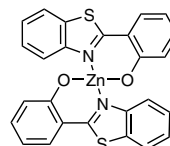
CAS No.	:94928-86-6
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₄ IrN ₃
M.W.	:654.78 g/mole
UV	:282, 377 nm (in THF)
PL	:513 nm (in THF)
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N509 | Zn(BTZ)2

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

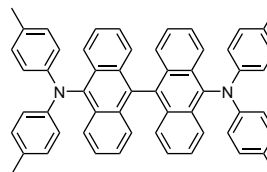
CAS No.	:58280-31-2
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₆ N ₂ O ₂ S ₂ Zn
M.W.	:517.96 g/mole
UV	:287, 334 nm (in CH ₂ Cl ₂)
PL	:458 nm (in CH ₂ Cl ₂)
TGA	:>300 °C (0.5% weight loss)



LT-N510 | BA-TTB

N₁₀,N₁₀,N₁₀',N₁₀'-Tetra-tolyl-9,9'-bianthracene-10,10'-diamine

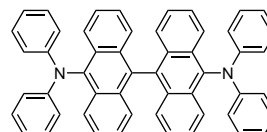
CAS No.	:223735-62-4
Grade	:Sublimed >99%
Formula	:C ₅₆ H ₄₄ N ₂
M.W.	:744.96 g/mole
UV	:257 nm (in CH ₂ Cl ₂)
PL	:546 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N511 | BA-TAD

N₁₀,N₁₀,N₁₀',N₁₀'-Tetraphenyl-9,9'-bianthracene-10,10'-diamine

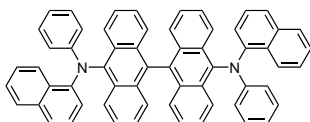
CAS No.	:220721-68-6
Grade	:Sublimed >99%
Formula	:C ₅₂ H ₃₆ N ₂
M.W.	:688.86 g/mole
UV	:257 nm (in CH ₂ Cl ₂)
PL	:518 nm (in CH ₂ Cl ₂)
TGA	:>300 °C (0.5% weight loss)



LT-N512 | BA-NPB

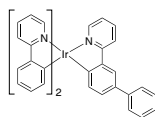
N_{10},N_{10}' -Diphenyl- N_{10},N_{10}' -dinaphthalenyl-9,9'-bianthracene-10,10'-diamine

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

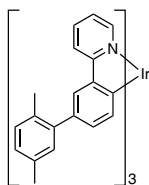
CAS No	:1034145-18-0
Grade	:Sublimed > 99% (HPLC with Stereoisomer)
Formula	: $C_{39}H_{28}IrN$
M.W.	:730.88 g/mole
UV	:262 / 275 nm (in THF)
PL	:522 nm (in THF)



LT-N522 | TEG

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

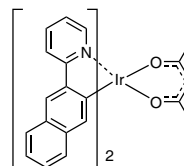
CAS No.	:1338784-40-9
Grade	:>99%
Formula	: $C_{57}H_{48}IrN_3$
M.W.	:967.3 g/mole
UV	:400 nm (in film)
PL	:539 nm (film)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Chloroform



LT-N529 | Ir(ppy)2acac

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

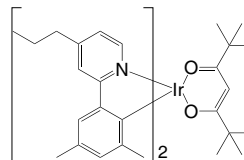
CAS No.	:878393-09-0
Grade	:Sublimed >99%
Formula	: $C_{35}H_{27}IrN_2O_2$
M.W.	:699.82 g/mole
PL	:551 nm (in CH_2Cl_2)
TGA	:>270 °C (0.5% weight loss)



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

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

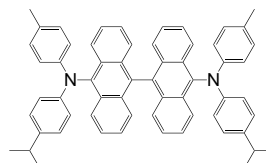
CAS No.	:2050041-60-4
Grade	:Sublimed >99%
Formula	: $C_{43}H_{55}IrN_2O_2$
M.W.	:824.14 g/mole
UV	:263, 373, 441 nm (in $CHCl_3$)
PL	:532 nm (in $CHCl_3$)
HOMO	: -5.1 eV
LUMO	: -2.77 eV



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%

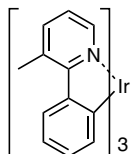
Formula :C₃₆H₃₀IrN₃

M.W. :696.86 g/mole

UV :283, 383 nm (in CH₂Cl₂)

PL :522 nm (in CH₂Cl₂)

TGA :> 280 °C (0.5% weight loss)



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

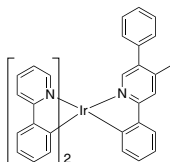
[2-(4-Methyl-5-phenyl-2-pyridinyl-κN)phenyl-κC]bis[2-(2-pyridinyl-κN)phenyl-κC] Iridium

CAS No. :1215692-34-4

Grade :Sublimed >99%

Formula :C₄₀H₃₀IrN₃

M.W. :744.9 g/mole

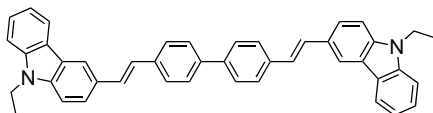


Blue Dopant

LT-E601 | BCzVBi

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

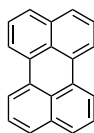
CAS No.	:475480-90-1
Grade	:Sublimed >99%
Formula	:C ₄₄ H ₃₆ N ₂
M.W.	:592.77 g/mole
UV	:384 nm (in THF)
PL	:438 nm (in THF)
TGA	:>340 °C (0.5% weight loss)



LT-E602 | Perylene

Perylene

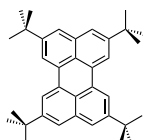
CAS No.	:198-55-0
Grade	:Sublimed >99.5%
Formula	:C ₂₀ H ₁₂
M.W.	:252.31 g/mole
UV	:410, 436 nm (in THF)
PL	:471 nm (in THF)
TGA	:>200 °C (0.5% weight loss)



LT-E603 | TBPe

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

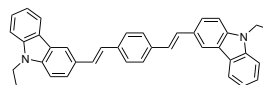
CAS No.	:80663-92-9
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₄₄
M.W.	:476.73 g/mole
UV	:412, 438 nm (in THF)
PL	:457nm (in DCM)
TGA	:>220 °C (0.5% weight loss)



LT-E604 | BCzVB

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

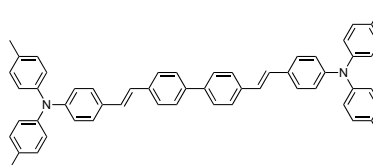
CAS No.	:62608-15-5
Grade	:>99%
Formula	:C ₃₈ H ₃₂ N ₂
M.W.	:516.67 g/mole
UV	:372, 388 nm (in CHCl ₃)
PL	:441, 462 nm (in CHCl ₃)
TGA	:>360 °C (0.5% weight loss)



LT-E605 | DPAVBi

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

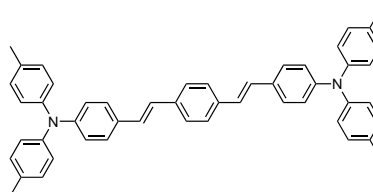
CAS No.	:119586-44-6
Grade	:>99%
Formula	:C ₅₆ H ₄₈ N ₂
M.W.	:748.99 g/mole
UV	:405 nm (in THF)
PL	:475 nm (in THF)
TGA	:>320 °C (0.5% weight loss)



LT-E606 | DPAVB

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

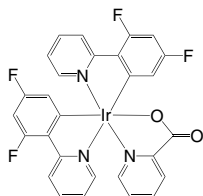
CAS No.	:596103-58-1
Grade	:>99%
Formula	:C ₅₀ H ₄₄ N ₂
M.W.	:672.90 g/mole
UV	:415 nm (in Toluene)
PL	:467, 496 nm (in Toluene)
TGA	:>340 °C (0.5% weight loss)



LT-E607 | FlrPic

Bis[2-(4,6-difluorophenyl)pyridinato-C₂,N](picolinato) iridium(III)

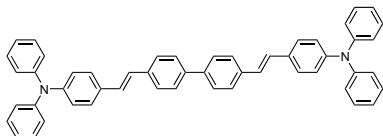
CAS No.	:376367-93-0
Grade	:>99%
Formula	:C ₂₈ H ₁₆ F ₄ IrN ₃ O ₂
M.W.	:694.66 g/mole
UV	:258 nm (in THF)
PL	:472 nm (in THF)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E608 | BDAVBi

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

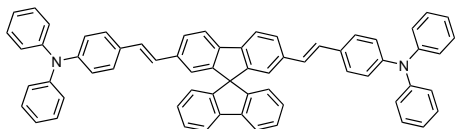
CAS No.	:523977-57-3
Grade	:>99%
Formula	:C ₅₂ H ₄₀ N ₂
M.W.	:692.89 g/mole
UV	:399 nm (in THF)
PL	:466 nm (in THF)
TGA	:>360 °C (0.5% weight loss)



LT-N446 | Spiro-BDAVBi

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

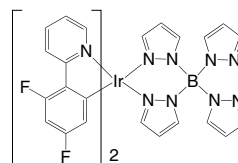
CAS No.	:436798-89-9
Grade	:>99%
Formula	:C ₆₅ H ₄₆ N ₂
M.W.	:855.07 g/mole
UV	:414 nm (in CH ₂ Cl ₂)
PL	:482 nm (in CH ₂ Cl ₂)
TGA	:>390 °C (0.5% weight loss)



LT-N620 | Flr6

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

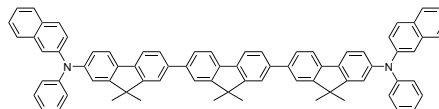
CAS No.	:664374-03-2
Grade	:>99%
Formula	:C ₃₄ H ₂₄ BF ₄ IrN ₁₀
M.W.	:851.65 g/mole
UV	:367 nm (in THF)
PL	:461 nm (in THF)
TGA	:>280 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N623 | BNP3FL

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

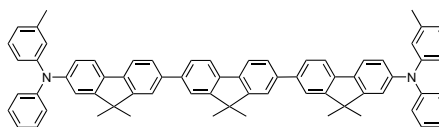
CAS No.	:669016-17-5
Grade	:>99%
Formula	:C ₇₇ H ₆₀ N ₂
M.W.	:1013.31 g/mole
UV	:387 nm (in THF)
PL	:437 nm (in THF)
TGA	:>450 °C (0.5% weight loss)



LT-N624 | MDP3FL

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

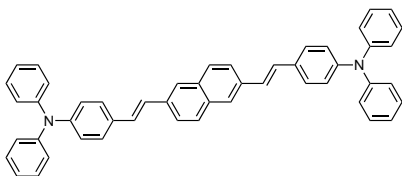
CAS No.	:239476-24-5
Grade	:>99%
Formula	:C ₇₁ H ₆₀ N ₂
M.W.	:941.25 g/mole
UV	:385 nm (in CH ₂ Cl ₂)
PL	:460 nm (in CH ₂ Cl ₂)
TGA	:>430 °C (0.5% weight loss)



LT-N627 | N-BDAVBi

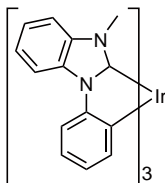
N-(4-((E)-2-(6-((E)-4-(Diphenylamino)styryl)naphthalen-2-yl)vinyl)phenyl)-N-phenylbenzenamine

CAS No. :1032556-63-0
 Grade :>99%
 Formula :C₅₀H₃₈N₂
 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)3

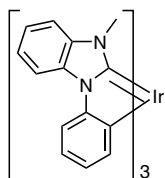
fac-Iridium(III) tris(1-phenyl-3-methylbenzimidazol-2-ylidene-C,C₂')

CAS No. :1542678-40-9
 Grade :>99%
 Formula :C₄₂H₃₃IrN₆
 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)3

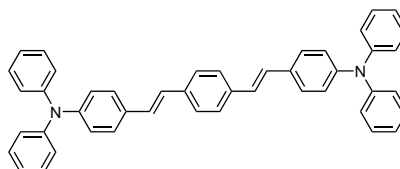
mer-Iridium(III) tris(1-phenyl-3-methylbenzimidazol-2-ylidene-C,C₂')

CAS No. :926292-95-7
 Grade :>99%
 Formula :C₄₂H₃₃IrN₆
 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

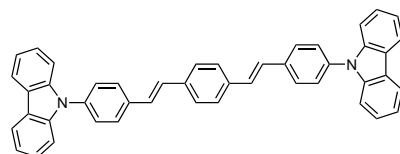
1,4-Di-[4-(N,N-diphenyl)amino]styryl-benzene

CAS No. :358374-59-1
 Grade :>99%
 Formula :C₄₆H₃₆N₂
 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

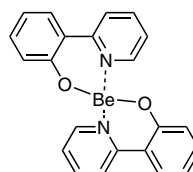
1,4-Bis(4-(9H-carbazol-9-yl)styryl)benzene

CAS No. :320575-30-2
 Grade :>99%
 Formula :C₄₆H₃₂N₂
 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 :C₂₂H₁₆BeN₂O₂
 M.W. :349.39 g/mole
 PL :445 nm (in CHCl₃)
 TGA :>250 °C (0.5% weight loss)



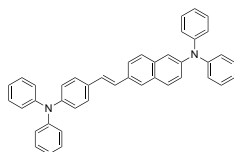
Blue Dopant

LT-N633 | DPASN

NEW

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

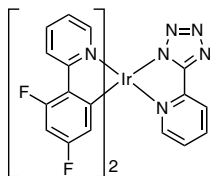
CAS No. :1093402-99-3
 Grade :>99%
 Formula :C₄₂H₃₂N₂
 M.W. :564.72 g/mole
 HOMO :-5.2 eV
 LUMO :-2.3 eV



LT-N635 | FlrN4

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

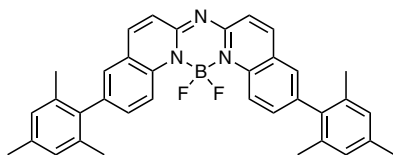
CAS No. :1219078-44-0
 Grade :>99%
 Formula :C₂₈H₁₆F₄IrN₇
 M.W. :718.67 g/mole
 UV :368 nm (in THF)
 PL :459 nm (in THF)
 TGA :>270 °C (0.5% weight loss)



LT-N642 | MQAB

(Z)-6-Mesityl-N-(6-mesitylquinolin-2(1H)-ylidene)quinolin-2-amine-BF₂ complex

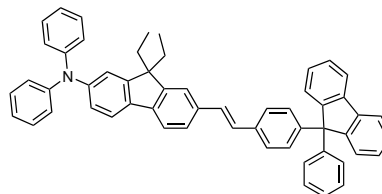
CAS No. :1338788-44-5
 Grade :>99%
 Formula :C₃₆H₃₂BF₂N₃
 M.W. :555.47 g/mole
 UV :338 nm (in CH₂Cl₂)
 PL :476 nm (in CH₂Cl₂)
 TGA :>280 °C (0.5% weight loss)



LT-N645 | DPAFV

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

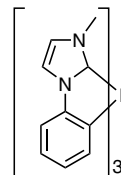
CAS No. :1239588-65-8
 Grade :>99%
 Formula :C₅₆H₄₅N
 M.W. :731.96 g/mole
 UV :386 nm (in CH₂Cl₂)
 PL :465 nm (in CH₂Cl₂)
 TGA :>260 °C (0.5% weight loss)



LT-N646 | mer-Ir(pmi)3

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

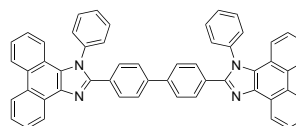
CAS No. :870009-65-7
 Grade :>99%
 Formula :C₃₀H₂₇IrN₆
 M.W. :663.85 g/mole
 UV :267 nm (in CH₂Cl₂)
 PL :410 nm (in CH₂Cl₂)
 TGA :>250 °C (0.5% weight loss)



LT-N647 | PPIP

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

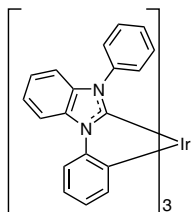
CAS No. :1147081-46-6
 Grade :Sublimed >99%
 Formula :C₅₄H₃₄N₄
 M.W. :738.87 g/mole



LT-N658 | fac-Ir(dpbc)3

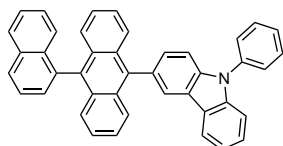
fac-Tris(1,3-diphenyl-benzimidazolin-2-ylidene-C,C₂') iridium(III)

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

**LT-N662** | PCAN

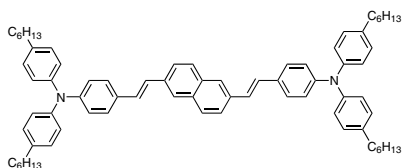
9-(9-Phenylcarbazole-3-yl)-10-(naphthalene-1-yl)anthracene

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

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

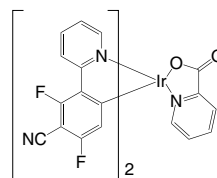
4,4'-(1E,1'E)-2,2'-(Naphthalene-2,6-diyl)bis(ethene-2,1-diyl) bis(N,N-bis(4-hexylphenyl)aniline)

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

**LT-N664** | FCNIrPic

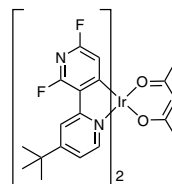
Bis(3,5-difluoro-4-cyano-2-(2-pyridyl)phenyl-(2-carboxypyridyl) iridium(III)

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

**LT-N669** | FK306

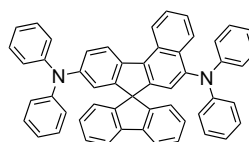
Bis[4-tert-butyl-2',6'-difluoro-2,3'-bipyridine](acetylacetonate) iridium(III)

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

**LT-N677** | TPA-SBFF

N₅,N₅,N₉,N₉-Tetraphenylspiro[benzo[c]fluorene-7,9'-fluorene]-5,9-diamine

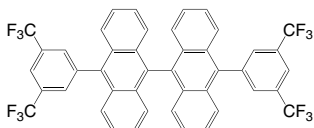
CAS No.	:1262333-45-8
Grade	:Sublimed >99%
Formula	:C ₅₃ H ₃₆ N ₂
M.W.	:700.87 g/mole
UV	:416 nm (film)
PL	:484 nm (film)
HOMO	:-5.48 eV
LUMO	:-2.77 eV
Triplet Energy:	120 °C



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

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

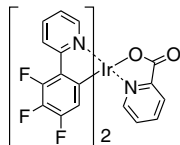
CAS No.	:1505456-00-7
Grade	:>99%
Formula	: $C_{44}H_{22}F_{12}$
M.W.	:778.63 g/mole
UV	:259, 400 nm (in CH_2Cl_2)
PL	:440 nm (in CH_2Cl_2)
TGA	:>270 °C (0.5% weight loss)



LT-N679 | Ir(tfpd)2pic

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

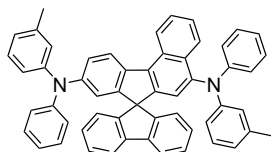
CAS No.	:1417790-60-3
Grade	:>99%
Formula	: $C_{28}H_{14}F_6IrN_3O_2$
M.W.	:730.64 g/mole
UV	:254 nm (in CH_2Cl_2)
PL	:483 nm (in CH_2Cl_2)
TGA	:>280 °C (0.5% weight loss)



LT-N680 | BD-6MDPA

N_5,N_9 -Diphenyl- N_5,N_9 -di-m-tolylspiro[benzo[c]fluorene-7,9'-fluorene]-5,9-diamine

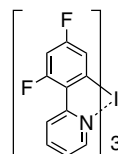
CAS No.	:1262281-91-3
Grade	:>99%
Formula	: $C_{55}H_{40}N_2$
M.W.	:728.92 g/mole
UV	:408 nm (in CH_2Cl_2)
PL	:468 nm (in CH_2Cl_2)
TGA	:>220 °C (0.5% weight loss)



LT-N697 | Ir(Fppy)3

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

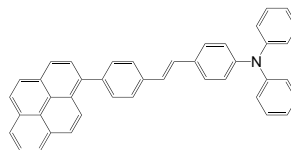
CAS No.	:387859-70-3
Grade	:>99%
Formula	: $C_{33}H_{18}F_6IrN_3$
M.W.	:762.72 g/mole
UV	:262 nm (in CH_2Cl_2)
PL	:493 nm (in CH_2Cl_2)
TGA	:>250 °C (0.5% weight loss)



LT-N6015 | DPASP

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

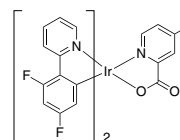
CAS No.	:2782701-07-7
Grade	:>99%
Formula	: $C_{42}H_{29}N$
M.W.	:547.69 g/mole
UV	:385 nm (in Toluene)
PL	:451 nm (in Toluene)
Tg	:96 °C
HOMO	:-5.3 eV
LUMO	:-2.45 eV



LT-N6086 | Fir4mpic

Bis[2-(4,6-difluorophenyl)pyridinato- C_2,N](4-methylpicolinato) iridium(III)

Grade	:Sublimed >99%
Formula	: $C_{29}H_{18}F_4IrN_3O_2$
M.W.	:708.68 g/mole
PL	:470 nm (in DCM)
HOMO	:-5.74 eV
LUMO	:-3.02 eV



Blue Dopant

LT-S9058 | BSB4

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

CAS No. :850594-34-2

Grade :Sublimed >99%

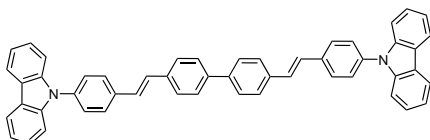
Formula :C₅₂H₃₆N₂

M.W. :688.86 g/mole

UV :367 nm (in THF)

PL :424, 444 nm (in THF)

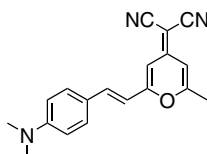
TGA :> 320 °C (0.5% weight loss)



LT-E701 | DCM

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

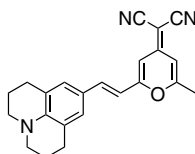
CAS No. :51325-91-8
 Grade :Sublimed >99%
 Formula :C₁₉H₁₇N₃O
 M.W. :303.36 g/mole
 UV :462 nm (in THF)
 PL :577 nm (in THF)
 TGA :>250 °C (0.5% weight loss)



LT-E702 | DCM2

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

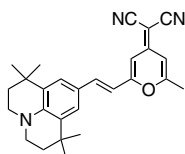
CAS No. :51325-95-2
 Grade :Sublimed >99%
 Formula :C₂₃H₂₁N₃O
 M.W. :355.43 g/mole
 UV :497 nm (in THF)
 PL :605 nm (in THF)
 TGA :>230 °C (0.5% weight loss)



LT-E703 | DCJT

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

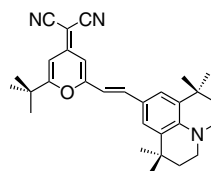
CAS No. :159788-00-8
 Grade :Sublimed >99%
 Formula :C₂₇H₂₉N₃O
 M.W. :411.54 g/mole
 UV :497 nm (in THF)
 PL :604 nm (in THF)
 TGA :>270 °C (0.5% weight loss)



LT-E704 | DCJTb

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

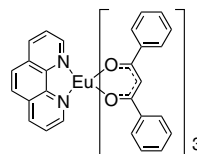
CAS No. :200052-70-6
 Grade :Sublimed >99%
 Formula :C₃₀H₃₅N₃O
 M.W. :453.62 g/mole
 UV :501 nm (in THF)
 PL :602 nm (in THF)
 TGA :>250 °C (0.5% weight loss)



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

Tris(dibenzoylmethane)phenanthroline europium(III)

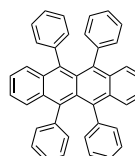
CAS No. :17904-83-5
 Grade :Sublimed >99%
 Formula :C₅₇H₄₁N₂O₆Eu
 M.W. :1001.93 g/mole
 UV :257, 355 nm (in THF)
 PL :615 nm (in THF)
 TGA :>180 °C (0.5% weight loss)



LT-E707 | Rubrene

5,6,11,12-Tetraphenylanthracene

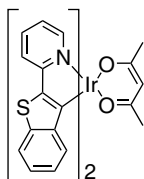
CAS No. :517-51-1
 Grade :Sublimed >99%
 Formula :C₄₂H₂₈
 M.W. :532.67 g/mole
 UV :299 nm (in THF)
 PL :553 nm (in THF)
 TGA :>250 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



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

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

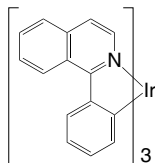
CAS No. :343978-79-0
 Grade :Sublimed >99%
 Formula :C₃₁H₂₃IrN₂O₂S₂
 M.W. :711.87 g/mole
 UV :283 nm (in THF)
 PL :615 nm (in THF)
 TGA :>310 °C (0.5% weight loss)



LT-E711 | Ir(piq)3

Tris(1-phenylisoquinoline)iridium(III)

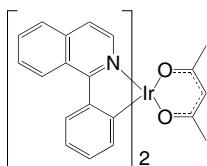
CAS No. :435293-93-9
 Grade :Sublimed >99%
 Formula :C₄₅H₃₀N₃Ir
 M.W. :804.96 g/mole
 UV :380 nm (in THF)
 PL :616 nm (in THF)
 TGA :>340 °C(0.5% weight loss)



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

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

CAS No. :435294-03-4
 Grade :Sublimed >99%
 Formula :C₃₅H₂₇N₂O₂Ir
 M.W. :699.82 g/mole
 UV :379 nm (in THF)
 PL :623 nm (in THF)
 TGA :>320 °C(0.5% weight loss)

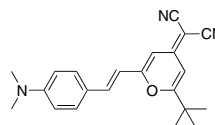


LT-E714 | DCMB

NEW

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

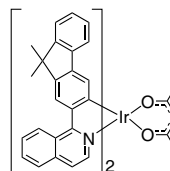
Grade :Sublimed >99%
 Formula :C₂₂H₂₃N₃O
 M.W. :345.44 g/mole



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

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

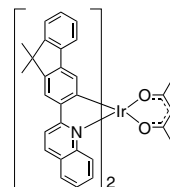
CAS No. :1617506-77-0
 Grade :Sublimed >99%
 Formula :C₅₃H₄₃IrN₂O₂
 M.W. :932.14 g/mole
 UV :285, 368 nm (in THF)
 PL :653 nm (in THF)
 TGA :>350 °C (0.5% weight loss)



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 :C₅₃H₄₃IrN₂O₂
 M.W. :932.14 g/mole
 UV :309, 368 nm (in THF)
 PL :615 nm (in THF)
 TGA :>320 °C (0.5% weight loss)

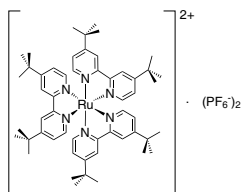


Red Dopant

LT-N727 | Ru(dtb-bpy)3 · 2(PF6)

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

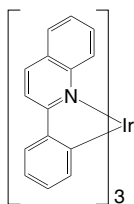
CAS No.	:75777-87-6
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₇₂ F ₁₂ N ₆ P ₂ Ru
M.W.	:1196.19 g/mole
UV	:289, 462 nm (in THF)
PL	:614 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-N728 | Ir(2-phq)3

Tris(2-phenylquinoline)iridium(III)

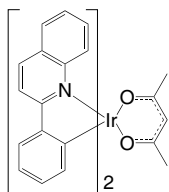
CAS No.	:911142-72-8
Grade	:Sublimed >98.5%
Formula	:C ₄₅ H ₃₀ N ₃ Ir
M.W.	:804.97 g/mole
UV	:271, 406 nm (in THF)
PL	:579 nm (in THF)
TGA	:>300 °C(0.5% weight loss)



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

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

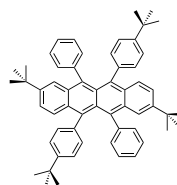
CAS No.	:337526-95-1
Grade	:Sublimed >99%
Formula	:C ₃₅ H ₂₇ N ₂ O ₂ Ir
M.W.	:699.82 g/mole
UV	:290, 343 nm (in THF)
PL	:592 nm (in THF)
TGA	:>270 °C(0.5% weight loss)



LT-N732 | TBRb

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

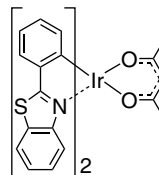
CAS No.	:682806-51-5
Grade	:Sublimed >99%
Formula	:C ₅₈ H ₆₀
M.W.	:757.1 g/mole
UV	:306 nm (in CH ₂ Cl ₂)
PL	:571 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss):



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

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

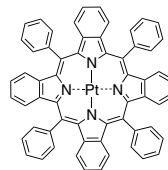
CAS No.	:337526-88-2
Grade	:Sublimed >99%
Formula	:C ₃₁ H ₂₃ IrN ₂ O ₂ S ₂
M.W.	:711.87 g/mole
UV	:271 nm (in THF)
PL	:563 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



LT-N734 | Pt(TPBP)

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

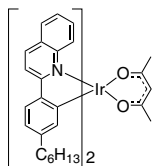
CAS No.	:166174-05-6
Grade	:>96%
Formula	:C ₆₀ H ₃₆ N ₄ Pt
M.W.	:1008.03 g/mole
UV	:430, 610 nm (in THF)
PL	:765 nm (in THF)
TGA	:>320 °C (0.5% weight loss)



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

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

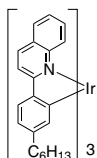
CAS No.	:1404197-18-7
Grade	:>99%
Formula	:C ₄₇ H ₅₁ IrN ₂ O ₂
M.W.	:868.14 g/mole
UV	:344 nm (in CH ₂ Cl ₂)
PL	:588 nm (in CH ₂ Cl ₂)
TGA	:>210 °C (0.5% weight loss)



LT-N741 | Hex-Ir(phq)3

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

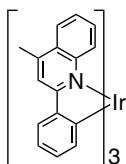
CAS No.	:1268460-37-2
Grade	:>99%
Formula	:C ₆₃ H ₆₆ IrN ₃
M.W.	:1057.43 g/mole
UV	:323 nm (in CH ₂ Cl ₂)
PL	:583 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N742 | Ir(Mphq)3

Tris[2-phenyl-4-methylquinoline]iridium(III)

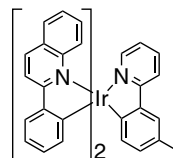
CAS No.	:1433853-90-7
Grade	:Sublimed >99%
Formula	:C ₄₈ H ₃₆ IrN ₃
M.W.	:847.04 g/mole
UV	:259, 270 nm (in CH ₂ Cl ₂)
PL	:573 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N743 | Ir(phq)2tpy

Bis(2-phenylquinoline)(2-(3-methylphenyl)pyridinate)iridium(III)

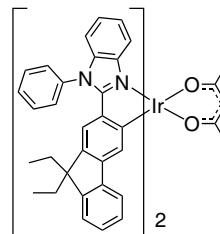
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₀ IrN ₃
M.W.	:768.93 g/mole
UV	:256, 271 nm (in CH ₂ Cl ₂)
PL	:604 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



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

Bis(2-(9,9-diethyl-fluoren-2-yl)-1-phenyl-1H-benzo[d]imidazolato)(acetylacetonate)iridium(III)

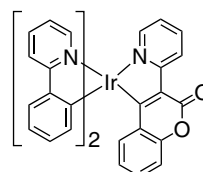
CAS No.	:725251-24-1
Grade	:>99%
Formula	:C ₆₅ H ₅₇ IrN ₄ O ₂
M.W.	:1118.40 g/mole
UV	:421 nm (in THF)
PL	:538 nm (in THF)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



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 ₃₆ H ₂₄ IrN ₃ O ₂
M.W.	:722.82 g/mole
UV	:319 nm (in CH ₂ Cl ₂)
PL	:550 nm (in CH ₂ Cl ₂)
TGA	:>340 °C (0.5% weight loss)

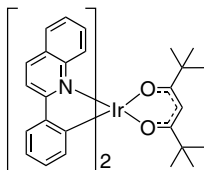


Red Dopant

LT-N746 | Ir(dpm)PQ2

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

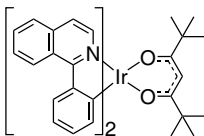
CAS No.	:713079-03-9
Grade	:Sublimed >99%
Formula	:C ₄₁ H ₃₉ IrN ₂ O ₂
M.W.	:783.98 g/mole
UV	:333 nm (in CH ₂ Cl ₂)
PL	:595 nm (in CH ₂ Cl ₂)
TGA	:>290 °C (0.5% weight loss)



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

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

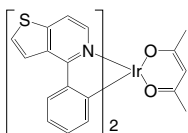
CAS No.	:1202867-58-0
Grade	:Sublimed >99%
Formula	:C ₄₁ H ₃₉ IrN ₂ O ₂
M.W.	:783.98 g/mole
UV	:354, 479 nm (in CH ₂ Cl ₂)
PL	:628 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss)



LT-N748 | PO-01

Bis(4-phenylthieno[3,2-c]pyridinato-N,C₂') (acetylacetonate) iridium(III)

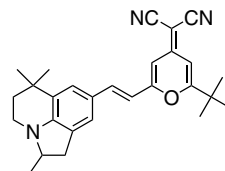
CAS No.	:1258323-36-2
Grade	:>99%
Formula	:C ₃₁ H ₂₃ IrN ₂ O ₂ S ₂
M.W.	:712.08 g/mole
UV	:231, 301 nm (in CH ₂ Cl ₂)
PL	:555 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss)
HOMO	:5.1 eV
LUMO	:2.9 eV



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

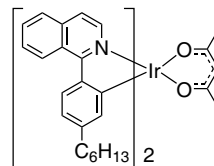
CAS No.	:953079-91-9
Grade	:>98%
Formula	:C ₂₈ H ₃₁ N ₃ O
M.W.	:425.57 g/mole
UV	:485 nm (in THF)
PL	:629 nm (in THF)
TGA	:>340 °C (0.5% weight loss)



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

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

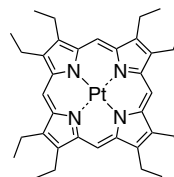
CAS No.	:435294-13-6
Grade	:>99%
Formula	:C ₄₇ H ₅₁ IrN ₂ O ₂
M.W.	:868.22 g/mole
UV	:301, 346 nm (in CH ₂ Cl ₂)
PL	:612 nm (in CH ₂ Cl ₂)
TGA	:>200 °C (0.5% weight loss)



LT-N752 | PtOEP

Platinum(II) octaethylporphine

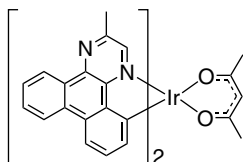
CAS No.	:31248-39-2
Grade	:>95%
Formula	:C ₃₆ H ₄₄ N ₄ Pt
M.W.	:727.84 g/mole
UV	:389, 534 nm (in CH ₂ Cl ₂)
PL	:646±1 nm (in CH ₂ Cl ₂)
TGA	:>290 °C (5% weight loss)



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

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

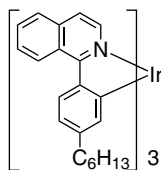
CAS No.	:536755-34-7
Grade	:Sublimed >99%
Formula	:C ₃₉ H ₂₉ IrN ₄ O ₂
M.W.	:777.88 g/mole
UV	:325, 428 nm (in CH ₂ Cl ₂)
PL	:616 nm (in CH ₂ Cl ₂)
TGA	:>290 °C (0.5% weight loss)



LT-N754 | Hex-Ir(piq)3

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

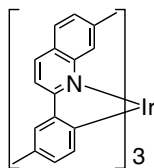
CAS No.	:1240249-29-9
Grade	:>99%
Formula	:C ₆₃ H ₆₆ IrN ₃
M.W.	:1057.43 g/mole
UV	:325, nm (in CH ₂ Cl ₂)
PL	:617 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)



LT-N757 | Ir(dmpq)3

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

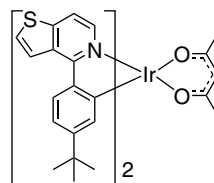
Grade	:Sublimed >99%
Formula	:C ₅₁ H ₄₂ IrN ₃
M.W.	:889.12 g/mole
TGA	:>280 °C (0.5% weight loss)



LT-N758 | PO-01-TB

Iridium(III) bis(4-(4-tert-butylphenyl)thieno[3,2-c]pyridinato-N,C₂)acetylacetonate

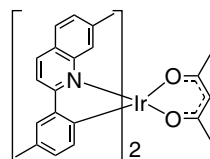
CAS No.	:1267497-10-8
Grade	:>99%
Formula	:C ₃₉ H ₃₉ IrN ₂ O ₂ S ₂
M.W.	:824.21 g/mole
UV	:448 nm (in CH ₂ Cl ₂)
PL	:562 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)



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

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

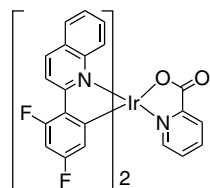
CAS No.	:909542-64-9
Grade	:Sublimed >99%
Formula	:C ₃₉ H ₃₅ IrN ₂ O ₂
M.W.	:755.92 g/mole
UV	:273, 348 nm (in CH ₂ Cl ₂)
PL	:600 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



LT-N765 | FPQlrpic

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

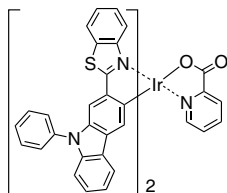
CAS No.	:1621179-34-7
Grade	:>99%
Formula	:C ₃₆ H ₂₀ F ₄ IrN ₃ O ₂
M.W.	:795.11 g/mole
UV	:342 nm (in THF)
PL	:554 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



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

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

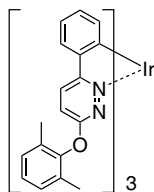
CAS No.	:1452824-22-4
Grade	:>99%
Formula	:C ₅₆ H ₃₄ IrN ₅ O ₂ S ₂
M.W.	:1065.18 g/mole
UV	:324 nm (in CH ₂ Cl ₂)
PL	:624 nm (in CH ₂ Cl ₂)
TGA	:>280 °C(0.5% weight loss)



LT-N767 | Ir(DMP)3

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

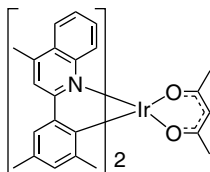
CAS No.	:1542693-87-7
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₄₅ IrN ₆ O ₃
M.W.	:1018.19 g/mole
UV	:250 nm (in CH ₂ Cl ₂)
PL	:552 nm (in CH ₂ Cl ₂)



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

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

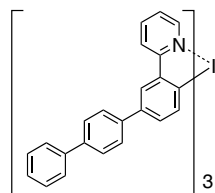
CAS No.	:1228537-77-6
Grade	:Sublimed >99%
Formula	:C ₄₁ H ₃₉ IrN ₂ O ₂
M.W.	:783.98 g/mole
UV	:432, 568 nm (in CH ₂ Cl ₂)
PL	:601 nm (in CH ₂ Cl ₂)
TGA	:>220 °C (0.5% weight loss)



LT-N780 | Ir(ppy)3-Bp

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

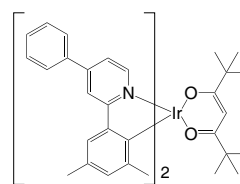
CAS No.	:1404192-47-7
Grade	:>99%
Formula	:C ₆₉ H ₄₈ IrN ₃
M.W.	:1111.36 g/mole
UV	:294 nm (in CH ₂ Cl ₂)
PL	:520 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)



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

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

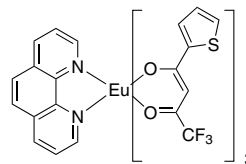
CAS No.	:2050041-61-5
Grade	:Sublimed >99%
Formula	:C ₄₉ H ₅₁ IrN ₂ O ₂
M.W.	:892.18 g/mole
UV	:276, 398, 481 nm (in CHCl ₃)



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 ₃₆ H ₂₆ EuF ₉ N ₂ O ₆ S ₃
M.W.	:995.7 g/mole

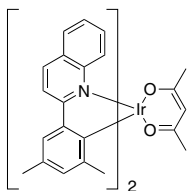


Red Dopant

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

Bis(2-(3,5-dimethylphenyl)quinoline-C₂,N')(acetylacetonato) iridium(III)

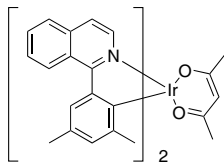
CAS No. :1056874-46-4
 Grade :Sublimed >99%(HPLC)
 Formula :C₃₉H₃₅IrN₂O₂
 M.W. :755.92 g/mole



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

Bis(1-(3,5-dimethylphenyl)isoquinoline-C₂,N')(acetylacetonato) iridium(III)

Grade :Sublimed >99%(HPLC)
 Formula :C₃₉H₃₅IrN₂O₂
 M.W. :755.92 g/mole



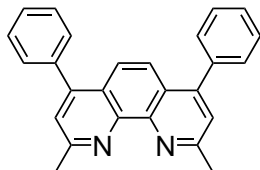
Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-E304 | BCP

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

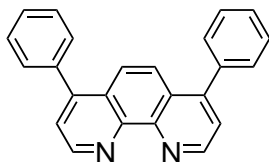
CAS No.	:4733-39-5
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₂₀ N ₂
M.W.	:360.45 g/mole
UV	:277 nm (in THF)
PL	:386 nm (in THF)
TGA	:>240°C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E305 | Bphen

4,7-Diphenyl-1,10-phenanthroline

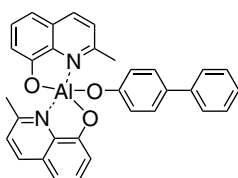
CAS No.	:1662-01-7
Grade	:Sublimed >99.5%
Formula	:C ₂₄ H ₁₆ N ₂
M.W.	:332.4 g/mole
UV	:272 nm (in THF)
PL	:379 nm (in THF)
TGA	:>240 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E407 | BALq

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

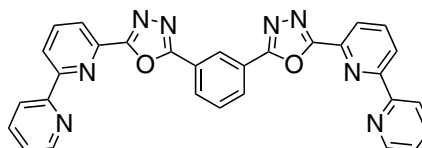
CAS No.	:146162-54-1
Grade	:Sublimed >99%
Formula	:C ₃₂ H ₂₅ N ₂ O ₃ Al
M.W.	:512.53 g/mole
UV	:259 nm (in THF)
PL	:477 nm (in THF)
TGA	:>230 °C (0.5% weight loss)



LT-N821 | Bpy-OXD

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

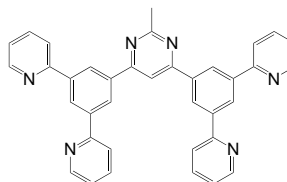
CAS No.	:866117-19-3
Grade	:Sublimed >99%
Formula	:C ₃₀ H ₁₈ N ₈ O ₂
M.W.	:522.52 g/mole
UV	:276, 308 nm (in THF)
PL	:348 nm (in THF)
TGA	:>300 °C (0.5% weight loss)



LT-N8011 | B2PYMPM

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

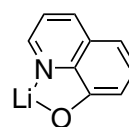
CAS No.	:1266181-51-4
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₆ N ₆
M.W.	:555.64 g/mole
UV	:288 nm (in CHCl ₃)
PL	:417 nm (in CHCl ₃)
TGA	:>350 °C (0.5% weight loss)
Tg	:107 °C
HOMO	:-6.62 eV
LUMO	:-3.55 eV



LT-E301 | Liq

8-Hydroxyquinolinolato-lithium

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



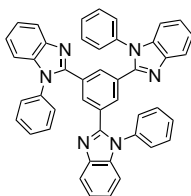
Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-E302 | TPBi

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

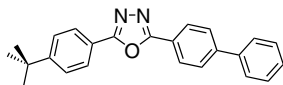
CAS No.	:192198-85-9
Grade	:Sublimed >99.5%
Formula	:C ₄₅ H ₃₀ N ₆
M.W.	:654.76 g/mole
UV	:305 nm (in THF)
PL	:370 nm (in THF)
TGA	:>330 °C (0.5% weight loss)



LT-E303 | PBD

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

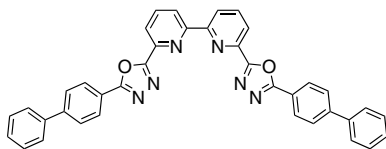
CAS No.	:15082-28-7
Grade	:Sublimed >99%
Formula	:C ₂₄ H ₂₂ N ₂ O
M.W.	:354.44 g/mole
UV	:305 nm (in THF)
PL	:380 nm (in THF)
TGA	:>210 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N828 | BP-OXD-Bpy

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

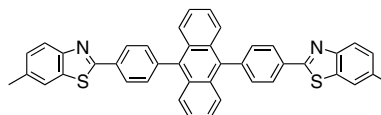
CAS No.	:1219827-28-7
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₄ N ₆ O ₂
M.W.	:596.64 g/mole
UV	:319 nm (in THF)
PL	:372 nm (in THF)
TGA	:>350 °C (0.5% weight loss)



LT-N832 | DBzA

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

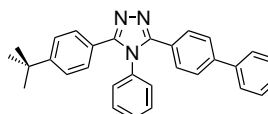
CAS No.	:850018-19-8
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₈ N ₂ S ₂
M.W.	:624.82 g/mole
UV	:311, 376, 396 nm (in THF)
PL	:448 nm (in THF)
TGA	:>400 °C (0.5% weight loss)



LT-N836 | TAZ

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

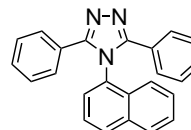
CAS No.	:150405-69-9
Grade	:Sublimed >99%
Formula	:C ₃₀ H ₂₇ N ₃
M.W.	:429.56 g/mole
UV	:290 nm (in THF)
PL	:370 nm (in THF)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N837 | NTAZ

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

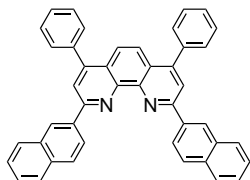
CAS No.	:16152-10-6
Grade	:Sublimed >99%
Formula	:C ₂₄ H ₁₇ N ₃
M.W.	:347.41 g/mole
UV	:264 nm (in CH ₂ Cl ₂)
PL	:367 nm (in CH ₂ Cl ₂)
TGA	:>240 °C (0.5% weight loss)



LT-N843 | NBphen

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

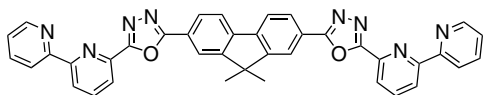
CAS No. :1174006-43-9
 Grade :Sublimed >99%
 Formula :C₄₄H₂₈N₂
 M.W. :584.71 g/mole
 UV :264, 349 nm (in THF)
 PL :412 nm (in THF)
 TGA :>340 °C (0.5% weight loss)



LT-N851 | Bpy-FOXD

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

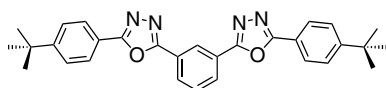
CAS No. :1174006-45-1
 Grade :Sublimed >99%
 Formula :C₃₉H₂₆N₈O₂
 M.W. :638.68 g/mole
 UV :348, 365 nm (in CH₂Cl₂)
 PL :399 nm (in CH₂Cl₂)
 TGA :>350 °C (0.5% weight loss)



LT-N855 | OXD-7

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

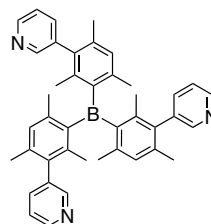
CAS No. :138372-67-5
 Grade :Sublimed >99%
 Formula :C₃₀H₃₀N₄O₂
 M.W. :478.58 g/mole
 UV :292 nm (in THF)
 PL :347 nm (in THF)
 TGA :>290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N856 | 3TPYMB

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

CAS No. :929203-02-1
 Grade :Sublimed >99%
 Formula :C₄₂H₄₂BN₃
 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

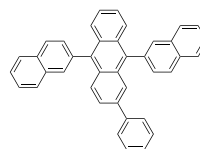


LT-N858 | PhADN

NEW

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

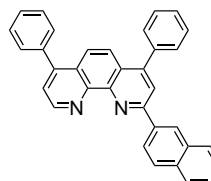
CAS No. :865435-20-7
 Grade :Sublimed >99%
 Formula :C₄₀H₂₆
 M.W. :506.63 g/mole



LT-N860 | HNBphen

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

CAS No. :923972-84-3
 Grade :Sublimed >99%
 Formula :C₃₄H₂₂N₂
 M.W. :458.55 g/mole
 UV :281,327 nm (in CH₂Cl₂)
 PL :398 nm (in CH₂Cl₂)
 TGA :>320 °C (0.5% weight loss)



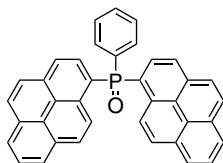
Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-N861 | POPy2

Phenyl-diprenylphosphine oxide

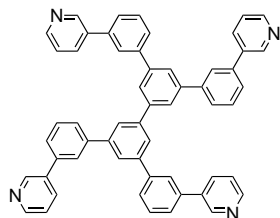
CAS No.	:721969-93-3
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₃ OP
M.W.	:526.56 g/mole
UV	:281, 360 nm (in CH ₂ Cl ₂)
PL	:382 nm (in CH ₂ Cl ₂)
TGA	:>370 °C (0.5% weight loss)



LT-N862 | BP4mPy

3,3',5,5'-Tetra[(m-pyridyl)-phen-3-yl]biphenyl

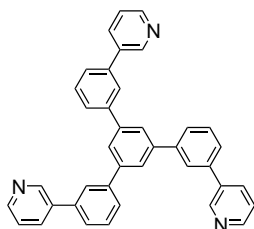
CAS No.	:1009033-94-6
Grade	:Sublimed >99%
Formula	:C ₅₆ H ₃₈ N ₄
M.W.	:766.93 g/mole
UV	:253 nm (in THF)
PL	:352 nm (in THF)
TGA	:>370 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N863 | TmPyPB

1,3,5-Tris(3-pyridyl)-phen-3-yl]benzene

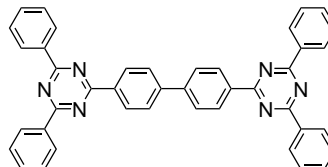
CAS No.	:921205-03-0
Grade	:Sublimed >99.5%
Formula	:C ₃₉ H ₂₇ N ₃
M.W.	:537.65 g/mole
UV	:254 nm (in CH ₂ Cl ₂)
PL	:353 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss)



LT-N864 | BTB

4,4'-Bis(4,6-diphenyl-1,3,5-triazin-2-yl)biphenyl

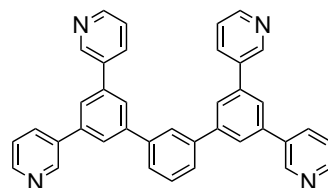
CAS No.	:266349-83-1
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₈ N ₆
M.W.	:616.71 g/mole
TGA	:>360 °C (0.5% weight loss)



LT-N865 | BmPyPB

1,3-Bis[3,5-di(pyridin-3-yl)phenyl]benzene

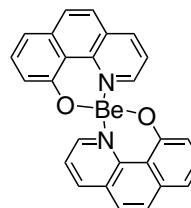
CAS No.	:1030380-38-1
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₆ N ₄
M.W.	:538.64 g/mole
UV	:250 nm (in CH ₂ Cl ₂)
PL	:357 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N868 | Bepq2

Bis(10-hydroxybenzo[h]quinolinato)beryllium

CAS No.	:148896-39-3
Grade	:Sublimed product
Formula	:C ₂₆ H ₁₆ BeN ₂ O ₂
M.W.	:397.43 g/mole
UV	:406 nm (in CH ₂ Cl ₂)
PL	:492 nm (in CH ₂ Cl ₂)
TGA	:>320 °C (0.5% weight loss)



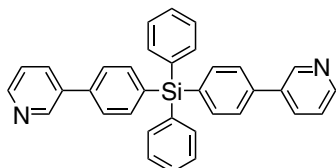
Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-N869 | DPPS

Diphenyl-bis(4-(pyridin-3-yl)phenyl)silane

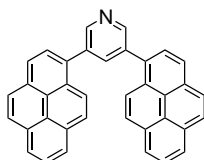
CAS No.	:1152162-74-7
Grade	:Sublimed >99%
Formula	:C ₃₄ H ₂₆ N ₂ Si
M.W.	:490.67 g/mole
UV	:251 nm (in CH ₂ Cl ₂)
PL	:366 nm (in CH ₂ Cl ₂)
TGA	:>230 °C (0.5% weight loss)



LT-N870 | PY1

3,5-Di(pyren-1-yl)pyridine

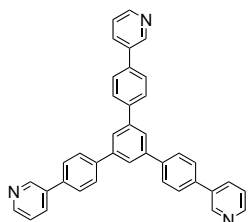
CAS No.	:1246467-58-2
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₁ N
M.W.	:479.57 g/mole
UV	:246, 282, 351 nm (in CH ₂ Cl ₂)
PL	:389 nm (in CH ₂ Cl ₂)
TGA	:>390 °C (0.5% weight loss)



LT-N872 | TpPyPB

1,3,5-Tri(p-pyrid-3-yl-phenyl)benzene

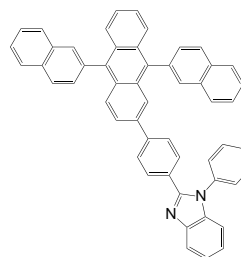
CAS No.	:921205-02-9
Grade	:Sublimed >99%
Formula	:C ₃₉ H ₂₇ N ₃
M.W.	:537.65 g/mole
UV	:290 nm (in CH ₂ Cl ₂)
PL	:362 nm (in CH ₂ Cl ₂)
TGA	:>330 °C (0.5% weight loss)



LT-N874 | ADN-PBIP

2-(4-(9,10-di(naphthalen-2-yl) anthracen-2-yl)phenyl)-1-phenyl-1H-benzodimidazole

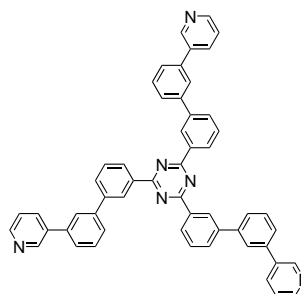
CAS No.	:561064-11-7
Grade	:Sublimed >99%
Formula	:C ₅₃ H ₃₄ N ₂
M.W.	:698.85 g/mole



LT-N875 | TmPPPzTz

2,4,6-Tris(3'-(pyridin-3-yl)biphenyl-3-yl)-1,3,5-triazine

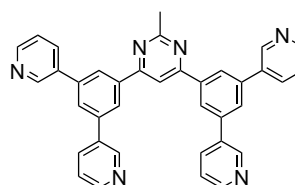
CAS No.	:939430-31-6
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₃₆ N ₆
M.W.	:768.9 g/mole
UV	:251 nm (in CH ₂ Cl ₂)
TGA	:>400 °C (0.5% weight loss)



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 ₃₇ H ₂₆ N ₆
M.W.	:554.64 g/mole
UV	:248 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



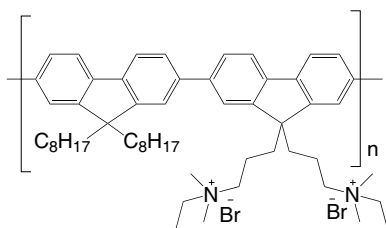
Organic Light-Emitting Diode (OLED) _ OLED Materials

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

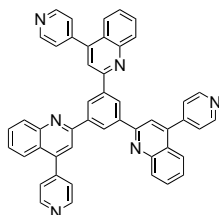
CAS No. :889672-99-5
Grade :Mw > 10,000 (GPC)
Formula : $(C_{56}H_{80}N_2Br_2)_n$
UV :375 nm (in MeOH)
PL :440 nm (in MeOH)
Solvent :Soluble in MeOH



LT-N879 | TPyQB

1,3,5-Tris(4-(pyridin-4-yl)quinolin-2-yl)benzene

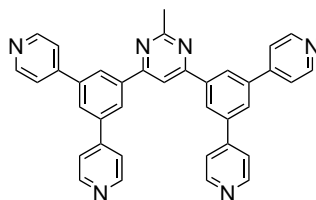
CAS No. :1350742-68-5
Grade :Sublimed >99%
Formula : $C_{48}H_{30}N_6$
M.W. :690.79 g/mole
UV :381 nm (in CH_2Cl_2)
TGA :>400 °C (0.5% weight loss)



LT-N882 | B4PYMPM

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

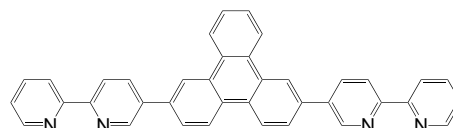
CAS No. :1030380-51-8
Grade :Sublimed >99%
Formula : $C_{37}H_{26}N_6$
M.W. :554.64 g/mole
UV :250 nm (in CH_2Cl_2)
PL :410 nm (very weak, in $CHCl_3$)
TGA :>350 °C (0.5% weight loss)



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)

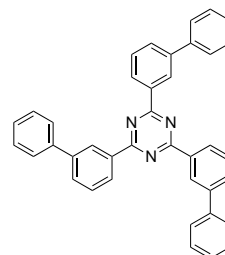


LT-N884 | T2T

NEW

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

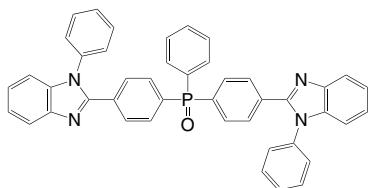
CAS No. :1201800-83-0
Grade :Sublimed >99%
Formula : $C_{39}H_{27}N_3$
M.W. :537.65 g/mole



LT-N885 | BIPO

2,2'-(4,4'-(Phenylphosphoryl)bis(4,1-phenylene))bis(1-phenyl-1H-benzo[d]imidazole)

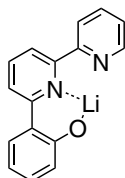
CAS No.	:1426143-77-2
Grade	:Sublimed >99%
Formula	:C ₄₄ H ₃₁ N ₄ OP
M.W.	:662.72 g/mole
UV	:309 nm (in CH ₂ Cl ₂)
PL	:379 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)



LT-N887 | Libpp

Lithium 2-(2', 2''-bipyridine-6'-yl)phenolate

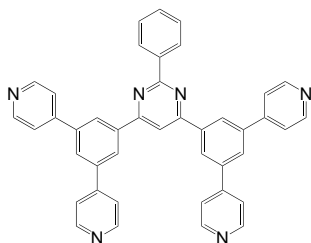
CAS No.	:1049805-81-3
Grade	:Sublimed >99%
Formula	:C ₁₆ H ₁₁ LiN ₂ O
M.W.	:254.21 g/mole
UV	:235, 265 nm (in CH ₂ Cl ₂)
PL	:345 nm (in CH ₂ Cl ₂)
TGA	:>220 °C (0.5% weight loss)



LT-N888 | B4PYPPM

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

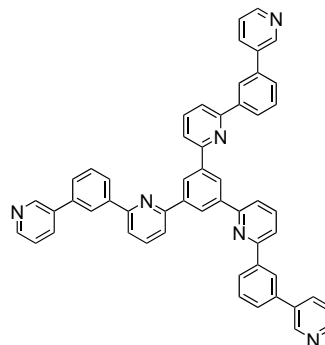
CAS No.	:1097652-83-9
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₈ N ₆
M.W.	:616.71 g/mole
UV	:255 nm (in CH ₂ Cl ₂)
TGA	:>350 °C (0.5% weight loss)



LT-N889 | Tm3PyP26PyB

1,3,5-Tris(6-(3-(pyridin-3-yl)phenyl)pyridin-2-yl)benzene

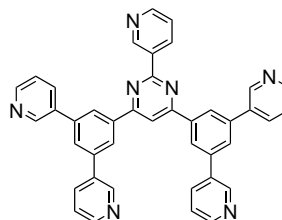
CAS No.	:1492917-78-8
Grade	:Sublimed >99% (NMR)
Formula	:C ₅₄ H ₃₆ N ₆
M.W.	:768.9 g/mole
UV	:255 nm (in CH ₂ Cl ₂)
PL	:357 nm (film)
TGA	:>280 °C (0.5% weight loss)



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 ₄₁ H ₂₇ N ₇
M.W.	:617.7 g/mole
UV	:255 nm (in CH ₂ Cl ₂)
TGA	:>280 °C (0.5% weight loss)



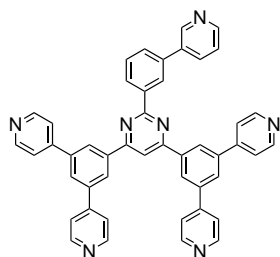
Organic Light-Emitting Diode (OLED) _ OLED Materials

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

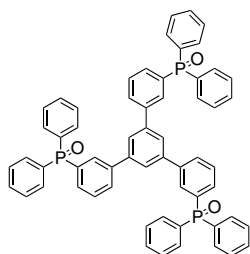
CAS No. :1382639-70-4
Grade :Sublimed >99% (NMR)
Formula :C₄₇H₃₁N₇
M.W. :693.8 g/mole
UV :255 nm (in CH₂Cl₂)
TGA :>280 °C (0.5% weight loss)



LT-N892 | TP3PO

1,3,5-Tri(diphenylphosphoryl-phen-3-yl)benzene

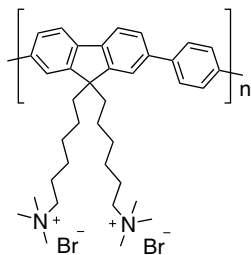
CAS No. :1311378-95-6
Grade :Sublimed >98%
Formula :C₆₀H₄₅O₃P₃
M.W. :906.92 g/mole
UV :259 nm (in CH₂Cl₂)
PL :349 nm (in CH₂Cl₂)
TGA :>250 °C (0.5% weight loss)



LT-N894 | FPQ-Br

Poly[9,9-bis[6'-(N,N,N-trimethylammonium)hexyl]fluorene-alt-co-1,4-phenylene]bromide

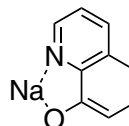
Grade :Mw > 10,000 (GPC)
Formula : (C₃₇H₅₂Br₂N₂)_n



LT-N895 | NaQ

8-Hydroxyquinoline sodium salt

CAS No. :2872-54-0
Grade :Sublimed >99%
Formula :C₉H₆NONa
M.W. :167.14 g/mole
UV :261 nm (in THF)
PL :331 nm (in THF)
TGA :>310 °C (0.5% weight loss)

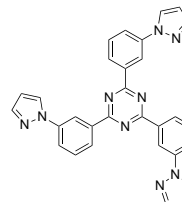


LT-N4163 | 3P-T2T

NEW

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

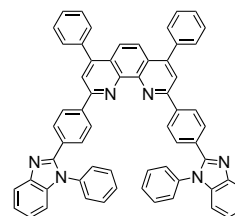
CAS No. :352196-01-1
Grade :Sublimed >99%
Formula :C₃₀H₂₁N₉
M.W. :507.55 g/mole



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 :C₆₂H₄₀N₆
M.W. :869.02 g/mole
UV :319, 357 nm (in CH₂Cl₂)
TGA :>400 °C (0.5% weight loss)



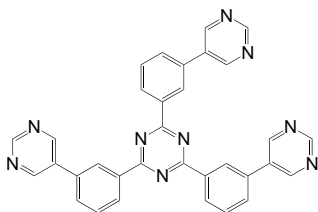
Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-N8004 | TPM-TAZ

2,4,6-Tris(3-(pyrimidin-5-yl)phenyl)-1,3,5-triazine

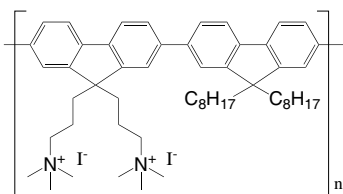
CAS No. :1874199-82-2
Grade :Sublimed >99%
Formula :C₃₃H₂₁N₉
M.W. :543.58 g/mole
UV :293 nm (in CH₂Cl₂)
PL :388 nm (in CH₂Cl₂)
Tg :131 °C
HOMO :-6.67 eV
LUMO :-2.85 eV



LT-N8006 | PFN-diiodine salt

Poly([(9,9-bis[3-(trimethylammonium)propyl]-2,7-fluorene)-alt-2,7-(9,9-dioctylfluorene)]diiodide)

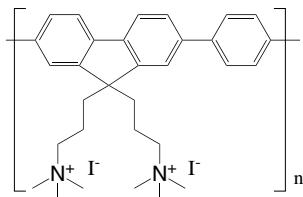
CAS No. :1687752-60-8
Grade :Mw =10,000~100,000 (GPC)
Formula :(C₅₆H₈₀N₂I₂)_n



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 :(C₃₁H₄₀I₂N₂)_n

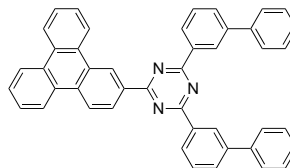


LT-N8014 |

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 :C₄₅H₂₉N₃
M.W. :611.73 g/mole

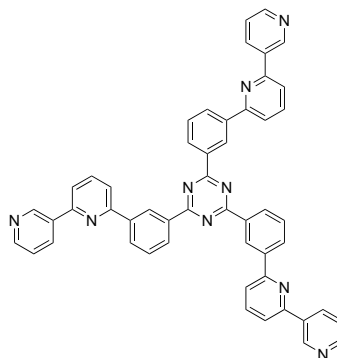


LT-N8015 |

NEW

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

Grade :Sublimed >99%
Formula :C₅₁H₃₃N₉
M.W. :771.87 g/mole

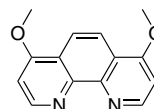


LT-N8016 | p-MeO-Phen

NEW

4,7-Dimethoxy-1,10-phenanthroline

CAS No. :92149-07-0
Grade :>98%
Formula :C₁₄H₁₂N₂O₂
M.W. :240.26 g/mole



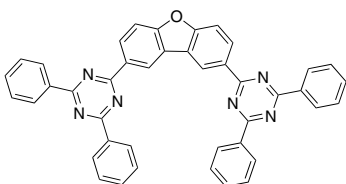
Organic Light-Emitting Diode (OLED) _ OLED Materials

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

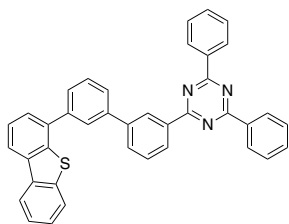
CAS No. :2040300-54-5
Grade :Sublimed >99%
Formula :C₄₂H₂₆N₆O
M.W. :630.7 g/mole
TGA :>370 °C (0.5% weight loss)



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

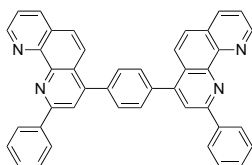
CAS No. :1858289-31-2
Grade :Sublimed >99%
Formula :C₃₉H₂₅N₃S
M.W. :567.7 g/mole



LT-N8019 | p-bPPhenB NEW

1,4-Bis(2-phenyl-1,10-phenanthrolin-4-yl)benzene

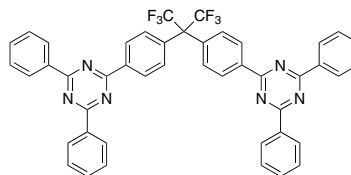
CAS No. :2135536-38-6
Grade :Sublimed >99%
Formula :C₄₂H₂₆N₄
M.W. :586.68 g/mole
PL :390 nm (2-MeTHF)
HOMO :-6.22 eV
LUMO :-2.88 eV



LT-N8020 | CF3-TRZ NEW

6,6'-((Perfluoropropane-2,2-diyl)bis(4,1-phenylene))bis(2,4-diphenyl-1,3,5-triazine)

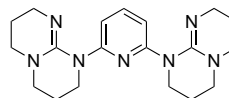
CAS No. :2376758-90-4
Grade :Sublimed >99%
Formula :C₄₅H₂₈F₆N₆
M.W. :766.73 g/mole



LT-N8021 | Py-hpp2 NEW

2,6-Bis(1,3,4,6,7,8-tetrahydro-2H-pyrimido[1,2-a]pyrimidin-1-yl)pyridine

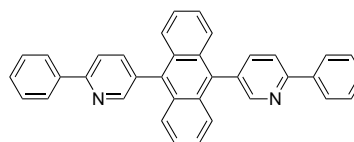
CAS No. :1613226-83-7
Grade :>99%
Formula :C₁₉H₂₇N₇
M.W. :353.46 g/mole



LT-N8022 | DPPyA NEW

9,10-Bis(6-phenylpyridin-3-yl)anthracene

CAS No. :1257879-34-7
Grade :Sublimed >99%
Formula :C₃₆H₂₄N₂
M.W. :484.59 g/mole



Organic Light-Emitting Diode (OLED) _ OLED Materials

Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-N8023 | 3,4-2CzBN

NEW

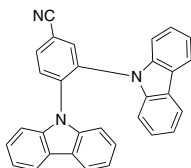
3,4-Di(9H-carbazol-9-yl)benzotrile

CAS No. :2016010-93-6 / 2720521-37-7

Grade :Sublimed >99%

Formula :C₃₁H₁₉N₃

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

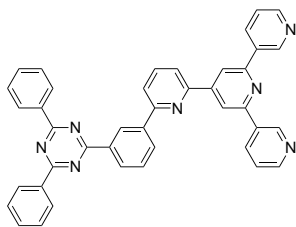
Grade :Sublimed >99%

Formula :C₄₁H₂₇N₇

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

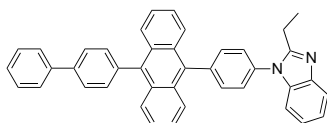
Grade :Sublimed >99%

Formula :C₄₁H₃₀N₂

M.W. :550.69 g/mole

HOMO :-5.51 eV

LUMO :-2.52 eV



LT-N8026

NEW

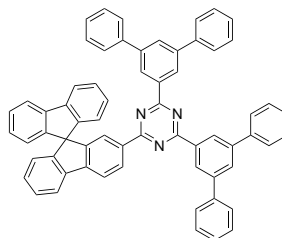
2-(4,6-bis-[3,1';5,1'']-terphen-1-yl)-1,3,5-triazin-2-yl)-spiro-9,9'-bifluorene

CAS No :1233200-52-6

Grade :Sublimed >99%

Formula :C₆₄H₄₁N₃

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 | Cs₂CO₃

Cesium carbonate

CAS No. :534-17-8
 Grade :>99.994%
 Formula :Cs₂CO₃
 M.W. :325.82 g/mole

LT-E003 | MoO₃

Molybdenum(VI) Oxide

CAS No. :1313-27-5
 Grade :>99.998%
 Formula :MoO₃
 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

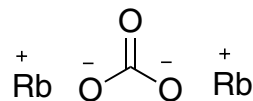
Aluminium

CAS No. :7429-90-5
 Grade :>99.999%
 Formula :Al
 M.W. :26.98 g/mole
 Diameter :1mm 5 meter~10 g

LT-E007 | Rb₂CO₃

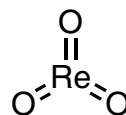
Rubidium carbonate

CAS No. :584-09-8
 Grade :>99.9%
 Formula :Rb₂CO₃
 M.W. :588.74 g/mole

LT-E008 | ReO₃

Rhenium(VI) oxide

CAS No. :1314-28-9
 Grade :>99.9%
 Formula :ReO₃
 M.W. :234.21 g/mole



LT-E010 | Aluminum shot

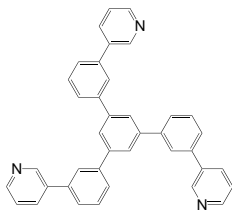
CAS No. :7429-90-5
 Grade :>99.9%
 M.W. :26.98 g/mole
 Size :5~10 mm



LT-N863 | TmPyPB

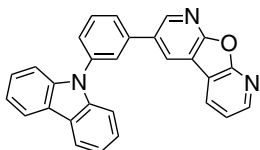
1,3,5-Tri[(3-pyridyl)-phen-3-yl]benzene

CAS No.	:921205-03-0
Grade	:Sublimed >99.5%
Formula	:C ₃₉ H ₂₇ N ₃
M.W.	:537.65 g/mole
UV	:254 nm (in CH ₂ Cl ₂)
PL	:353 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss)

**LT-N4114** | 3CzPPF

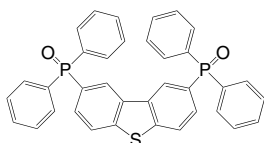
3-[3-(9H-Carbazol-9-yl)phenyl]furo[2,3-b:5,4-b']dipyridine

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

**LT-N4006** | PPT

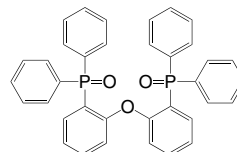
2,8-Bis(diphenylphosphoryl)dibenzo[b,d]thiophene

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

**LT-N4060** | DPEPO

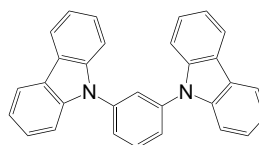
Bis[2-(diphenylphosphino)phenyl]ether oxide

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

**LT-E107** | MCP

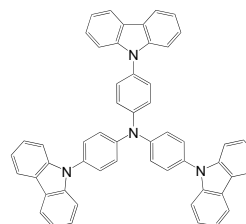
1,3-Bis(carbazol-9-yl)benzene

CAS No.	:550378-78-4
Grade	:Sublimed >99.5%
Formula	:C ₃₀ H ₂₀ N ₂
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

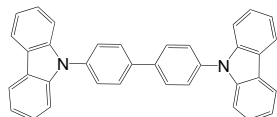
CAS No.	:139092-78-7
Grade	:Sublimed >99.5%
Formula	:C ₅₄ H ₃₆ N ₄
M.W.	:740.89 g/mole
UV	:293, 326 nm (in THF)
PL	:385 nm (in THF)
TGA	:>410 °C (0.5% weight loss)



LT-E409 | CBP

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

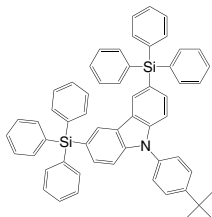
CAS No.	:58328-31-7
Grade	:Sublimed >99.5%
Formula	:C ₃₆ H ₂₄ N ₂
M.W.	:484.59 g/mole
UV	:292, 318 nm (in THF)
PL	:369 nm (in THF)
TGA	:> 320 °C (0.5% weight loss)



LT-N484 | CzSi

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

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

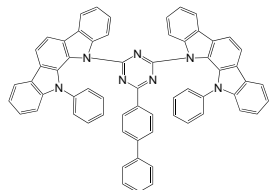


LT-N4053 | PIC-TRZ

NEW

12,12'-(6-(biphenyl-4-yl)-1,3,5-triazine-2,4-diyl)bis(11-phenyl-11,12-dihydroindolo[2,3-a]carbazole)

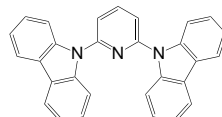
Grade	:Sublimed >99%
Formula	:C ₆₃ H ₃₉ N ₇
M.W.	:894.03 g/mole
HOMO	:-5.37 eV
LUMO	:-2.56 eV



LT-N4072 | PYD-2Cz

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

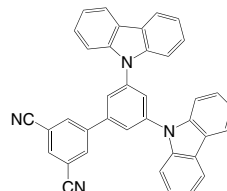
CAS No.	:168127-49-9
Grade	:Sublimed >99%
Formula	:C ₂₉ H ₁₉ N ₃
M.W.	:409.48 g/mole
UV	:241, 290 nm (in CH ₂ Cl ₂)
PL	:373 nm (in THF)
TGA	:>250 °C (0.5% weight loss)



LT-N4098 | DCzDCN

3',5'-Di(carbazol-9-yl)-[1,1'-biphenyl]-3,5-dicarbonitrile

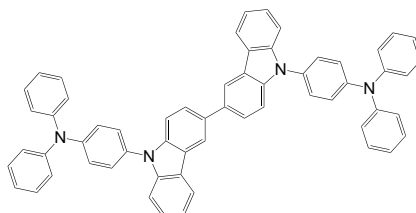
CAS No.	:1352800-07-7
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₂ N ₄
M.W.	:534.61 g/mole
UV	:251, 291 nm (in CH ₂ Cl ₂)
PL	:324 nm (in THF)
TGA	:>270 °C (0.5% weight loss)



LT-N4102 | BCzTPA

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

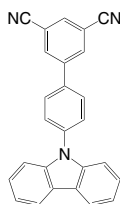
CAS No.	:1032174-52-9
Grade	:Sublimed >99%
Formula	:C ₆₀ H ₄₂ N ₄
M.W.	:819.00 g/mole
UV	:310, 341 nm (film)
PL	:397 nm (film)
TGA	:>300 °C (0.5% weight loss)
Tg	:157 °C
HOMO	:-5.6 eV
LUMO	:-2.2 eV



LT-N4104 | pCzB-2CN

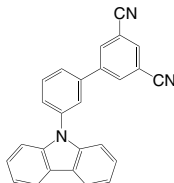
4'-(9H-Carbazol-9-yl)biphenyl-3,5-dicarbonitrile

CAS No.	:1646323-59-2
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₅ N ₃
M.W.	:369.42 g/mole
UV	:330 nm (in CH ₂ Cl ₂)
PL	:450 nm (in CH ₂ Cl ₂)
TGA	:> 220 °C (0.5% weight loss)

**LT-N4105** | mCzB-2CN

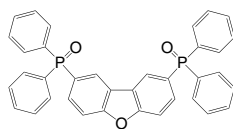
3'-(9H-Carbazol-9-yl)biphenyl-3,5-dicarbonitrile

CAS No.	:1646323-60-5
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₅ N ₃
M.W.	:369.42 g/mole
UV	:330 nm (in CH ₂ Cl ₂)
PL	:450 nm (in CH ₂ Cl ₂)
TGA	:> 220 °C (0.5% weight loss)

**LT-N4106** | PPF

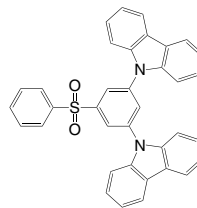
2,8-Bis(diphenylphosphoryl)dibenzo[b,d]furan

CAS No.	:911397-27-8
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₆ O ₃ P ₂
M.W.	:568.54 g/mole
UV	:300 nm (in CH ₂ Cl ₂)
PL	:440 nm (in CH ₂ Cl ₂)
TGA	:> 250 °C (0.5% weight loss)

**LT-N4112** | mCPSOB

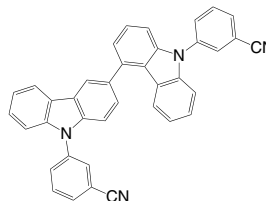
9,9'-(5-(Phenylsulfonyl)-1,3-phenylene)bis(9H-carbazole)

CAS No.	:1374770-41-8
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₄ N ₂ O ₂ 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

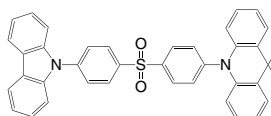
3,3'-(9H,9'H-3,4'-Bicarbazole-9,9'-diyl)dibenzonitrile

CAS No.	:1622297-83-9
Grade	:Sublimed >99%
Formula	:C ₃₈ H ₂₂ N ₄
M.W.	:534.61 g/mole
UV	:404 nm (in CH ₂ Cl ₂)
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

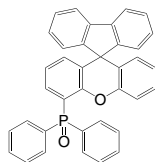
CAS No.	:1792173-34-2
Grade	:Sublimed >99%
Formula	:C ₃₉ H ₃₀ N ₂ O ₂ S
M.W.	:590.73 g/mole
PL	:443, 466 nm (in CH ₂ Cl ₂)
Tg	:117 °C
HOMO	:-5.89 eV
LUMO	:-3.00 eV
Triplet Energy	:-3.04 eV



LT-N4123 | SFXSPO

Diphenylspiro[9H-fluorene-9,9'-(9H)xanthen]-4'-ylphosphine oxide

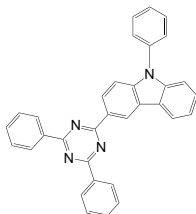
CAS No.	:1508022-28-3
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₅ O ₂ P
M.W.	:532.57 g/mole
UV	:228, 279, 308 nm (in CH ₂ Cl ₂)
Tg	:180 °C
HOMO	:-6.52 eV
LUMO	:-2.47 eV



LT-N4126 | DPTPCz

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

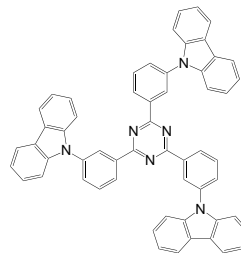
CAS No.	:1313391-57-9
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₂ N ₄
M.W.	:474.55 g/mole
UV	:305, 353 nm (in EA)
PL	:416 nm (in EA)
Tg	:86 °C
HOMO	:-5.69 eV
LUMO	:-2.76 eV



LT-N4128 | TCPZ

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

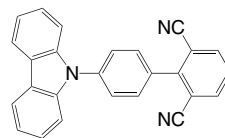
CAS No.	:890148-68-2
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₆ N ₆
M.W.	:804.94 g/mole
UV	:283, 296 nm (film)
PL	:467 nm (film)
Tg	:162 °C
HOMO	:-6.18 eV
LUMO	:-2.95 eV



LT-N4130 | CzPhDCN in

4'-(9H-Carbazol-9-yl)biphenyl-2,6-dicarbonitrile

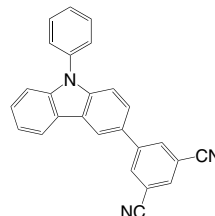
CAS No.	:2279125-23-2
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₅ N ₃
M.W.	:369.42 g/mole



LT-N4131 | 4-CzDCN out

5-(9-Phenyl-9H-carbazol-3-yl)isophthalonitrile

CAS No.	:2234893-85-5
Grade	:Sublimed >99%
Formula	:C ₂₆ H ₁₅ N ₃
M.W.	:369.42 g/mole



LT-N4132 | 4-CzDCN in

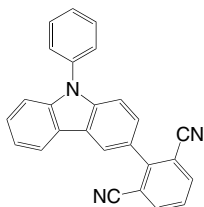
2-(9-Phenyl-9H-carbazol-3-yl)isophthalonitrile

CAS No. :2350278-23-6

Grade :Sublimed >99%

Formula :C₂₆H₁₅N₃

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

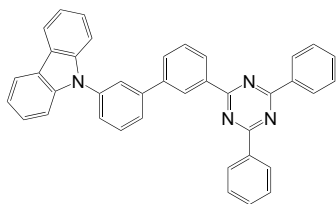
CAS No. :1106730-56-6

Grade :Sublimed >99%

Formula :C₃₉H₂₆N₄

M.W. :550.65 g/mole

PL :361, 410 nm (in Toluene)

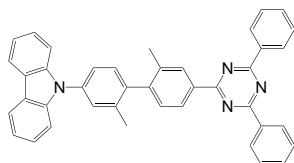
**LT-N4134** | Cz-DMBP-TRZ

9-(4'-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2,2'-dimethyl-[1,1'-biphenyl]-4-yl)-9H-carbazole

Grade :>97%

Formula :C₄₁H₃₀N₄

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

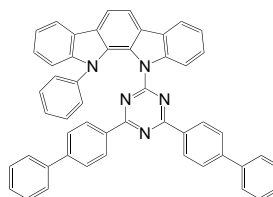
CAS No. :1663489-47-1

Grade :Sublimed >99%

Formula :C₅₁H₃₃N₅

M.W. :715.84 g/mole

PL :510 nm (in Toluene)

**LT-N4137** | m-DIC-TRZ-2Ph

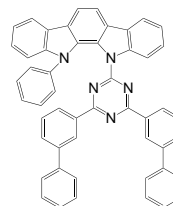
11-(4,6-Di(biphenyl-3-yl)-1,3,5-triazin-2-yl)-12-phenyl-11,12-dihydroindolo[2,3-a]carbazole

CAS No. :2133038-36-3

Grade :Sublimed >98%

Formula :C₅₁H₃₃N₅

M.W. :715.84 g/mole

**LT-N4138**

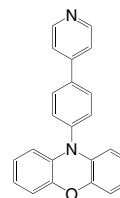
10-(4-(Pyridin-4-yl)phenyl)-10H-phenoxazine

CAS No. :1826129-73-0

Grade :Sublimed >98%

Formula :C₂₃H₁₆N₂O

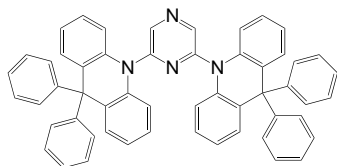
M.W. :336.39 g/mole



LT-N4140 | PrDPhAc

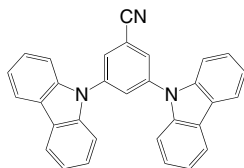
2,6-Bis(9,9-diphenylacridin-10(9H)-yl)pyrazine

CAS No. :1982316-90-4
 Grade :Sublimed >99%
 Formula :C₅₄H₃₈N₄
 M.W. :742.91 g/mole
 UV :375 nm (in CH₂Cl₂)
 PL :495 nm (in CH₂Cl₂)

**LT-N4142** | 3,5-2CzBN

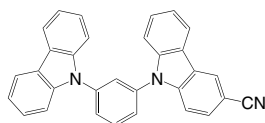
3,5-Di(9H-carbazol-9-yl)benzonitrile

CAS No. :1101848-45-6
 Grade :Sublimed >99%
 Formula :C₃₁H₁₉N₃
 M.W. :433.5 g/mole

**LT-N4148** | mCPCN

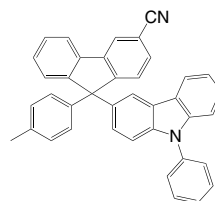
9-(3-(9H-Carbazol-9-yl)phenyl)-9H-carbazole-3-carbonitrile

CAS No. :1392506-99-8
 Grade :Sublimed >99%
 Formula :C₃₁H₁₉N₃
 M.W. :433.5 g/mol
 UV :326, 338 nm (in CH₂Cl₂)
 PL :348, 365 nm (in CH₂Cl₂)
 TGA :> 280°C (0.5% weight loss)
 Tg :97 °C
 HOMO :-5.8 eV
 LUMO :-2.24 eV
 Tm :222 °C

**LT-N4149** | CzFCN

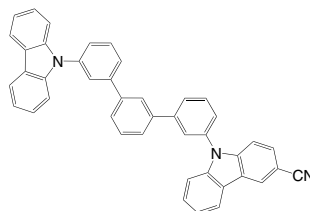
9-(9-Phenyl-9H-carbazol-3-yl)-9-p-tolyl-9H-fluorene-3-carbonitrile

CAS No. :1448222-38-5
 Grade :Sublimed >99%
 Formula :C₃₉H₂₆N₂
 M.W. :522.64 g/mole
 PL :357 nm (film)

**LT-N4150** | TCzCN

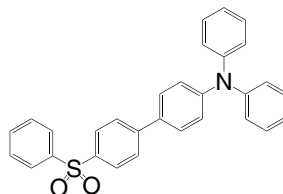
9-(3''-(Carbazol-9-yl)-[1,1':3',1''-terphenyl]-3-yl)-carbazole-3-carbonitrile

CAS No. :2171511-08-1
 Grade :Sublimed >99%
 Formula :C₄₃H₂₇N₃
 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

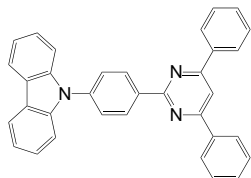
CAS No. :1693761-04-4
 Grade :Sublimed >99%
 Formula :C₃₀H₂₃NO₂S
 M.W. :461.57 g/mole
 PL :453 nm (film)



LT-N4155 | Cz-Ph-DRZ

9-(4-(4,6-Diphenylpyrimidin-2-yl)phenyl)-9H-carbazole

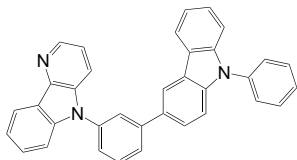
CAS No. :1106729-87-6
 Grade :Sublimed >99%
 Formula :C₃₄H₂₃N₃
 M.W. :473.57 g/mole



LT-N4157 | DCb-PCz

5-(3-(9-Phenyl-9H-carbazol-3-yl)phenyl)-5H-pyrido[3,2-b]indole

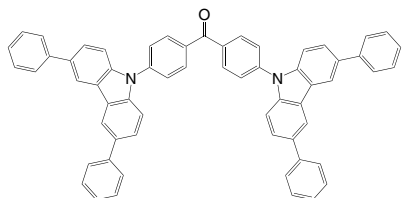
CAS No. :2099149-76-3
 Grade :Sublimed >99%
 Formula :C₃₅H₂₃N₃
 M.W. :485.58 g/mole
 UV :292, 331, 345 nm (in CH₂Cl₂)
 PL :385 nm (film)
 HOMO :-5.75 eV
 LUMO :-2.39 eV



LT-N4161 | PhCz2BP

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

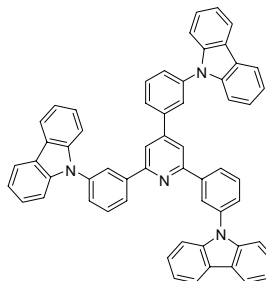
CAS No. :1360642-12-1
 Grade :Sublimed >99%
 Formula :C₆₁H₄₀N₂O
 M.W. :816.98 g/mole
 PL :438 nm (in Toluene)
 TGA :>400 °C (5% weight loss)
 Emission :438 nm (in Toluene)
 HOMO :-5.77 eV
 LUMO :-2.25 eV
 ΔEST :0.14 eV



LT-N4165 | TCPY

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

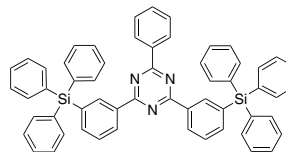
CAS No. :890148-62-6
 Grade :Sublimed >99%
 Formula :C₅₉H₃₈N₄
 M.W. :802.96 g/mole
 PL :415 nm (film)
 HOMO :-6.19 eV
 LUMO :-2.77 eV



LT-N4181 | mSiTrz

2-Phenyl-4,6-bis(3-(triphenylsilyl)phenyl)-1,3,5-triazine

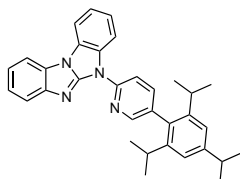
CAS No. :2252416-90-1
 Grade :Sublimed >99%
 Formula :C₅₇H₄₃N₃Si₂
 M.W. :826.14 g/mole
 PL :455 nm (film)
 Tg :108.21°C
 HOMO :-6.90 eV
 LUMO :-2.79 eV
 Triplet Energy:-3.08 eV



LT-N4186 | PPBI

5-[5-[2,4,6-tris(1-methylethyl)phenyl]-2-pyridinyl]-5H-Benzimidazo[1,2-a]benzimidazole

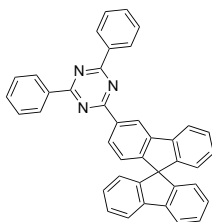
CAS No. :2363173-81-1
 Grade :Sublimed >99%
 Formula :C₃₃H₃₄N₄
 M.W. :486.65 g/mole
 HOMO :-5.7 eV
 LUMO :-2.0 eV



LT-N4187 | SF3-TRZ

2-(9,9'-spirobifluoren)-3-yl)-4,6-diphenyl-1,3,5-triazine

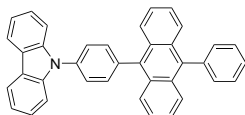
CAS No. :1639424-37-5
 Grade :Sublimed >99%
 Formula :C₄₀H₂₅N₃
 M.W. :547.65 g/mole
 PL :412 nm (film)
 HOMO :-6.54 eV
 LUMO :-3.10 eV



LT-N4190 | CzPA

9-[4-(10-phenylanthracen-9-yl)phenyl]carbazole

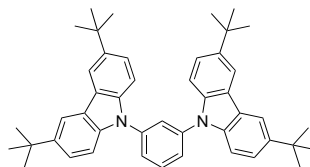
CAS No. :910647-23-3
 Grade :Sublimed >99%
 Formula :C₃₈H₂₅N
 M.W. :495.61 g/mole
 HOMO :-5.80 eV
 LUMO :-2.25 eV



LT-N4198 | mCP-t-Bu

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

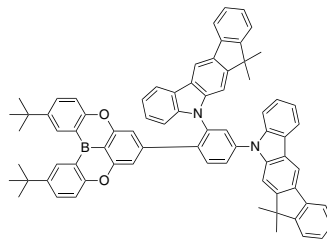
CAS No. :601454-38-0
 Grade :Sublimed >99%
 Formula :C₄₆H₅₂N₂
 M.W. :632.92 g/mole
 UV :297, 331, 345 nm (in THF)
 HOMO :-5.8 eV
 LUMO :-2.4 eV



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)

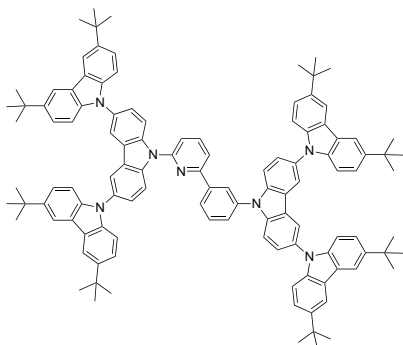
CAS No. :2657707-20-3
 Grade :>99%
 Formula :C₇₄H₆₁BN₂O₂
 M.W. :1021.10 g/mole
 PL :407 nm (in Toluene)
 HOMO :-5.48 eV
 LUMO :-2.48 eV
 ΔEST :0.18 eV



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

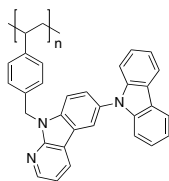
Grade	:Sublimed >99%
Formula	:C ₁₁₅ H ₁₁₅ N ₇
M.W.	:1595.19 g/mole
PL	:425 nm (film)
HOMO	:-5.04 eV
LUMO	:-1.82 eV
ΔEST	:0.48 eV



LT-N4212 | PSCbCz

Poly{6-(9H-Carbazol-9-yl)-9-(4-vinylbenzyl)-9H-pyrido-[2,3-b]indole}

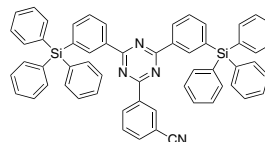
CAS No.	:2688752-67-0
Grade	:Mw =5,000~20,000 (GPC)
Formula	:(C ₃₂ H ₂₃ N ₃) _n
PL	:414 nm (film)
HOMO	:-5.65 eV
LUMO	:-2.28 eV
ΔEST	:0.15 eV



LT-N4218 | mSiTrz-mCN

3-(4,6-Bis(3-(triphenylsilyl)phenyl)-1,3,5-triazin-2-yl)benzotrile

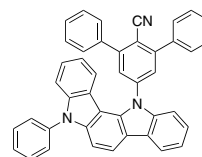
Grade	:Sublimed >99%
Formula	:C ₅₈ H ₄₂ N ₄ Si ₂
M.W.	:851.15 g/mole
PL	:431 nm (in THF)
HOMO	:-7.47 eV
LUMO	:-3.44 eV



LT-N4242 | 3phCN-ICz **NEW**

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

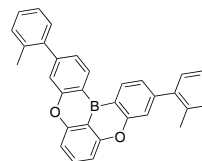
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₂₇ N ₃
M.W.	:585.69 g/mole
UV	:362 nm (in Toluene)
PL	:437 nm (in Toluene)
HOMO	:-5.52 eV
LUMO	:-2.2 eV



LT-N4247 | DOBNA-Tol **NEW**

3,11-Di-o-tolyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracene

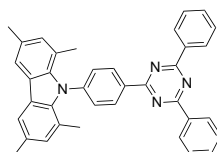
Grade	:Sublimed >99%
Formula	:C ₃₂ H ₂₃ BO ₂
M.W.	:450.33 g/mole
HOMO	:-6.3 eV
LUMO	:-3.2 eV



LT-N4248 | Cz-TRZ2 **NEW**

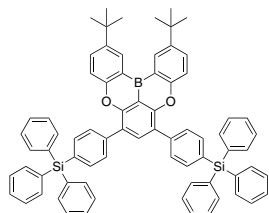
9-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-1,3,6,8-tetramethyl-9H-carbazole

CAS No	:2061376-82-5
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₃₀ N ₄
M.W.	:530.66 g/mole
PL	:465 nm (in Toluene)
HOMO	:-5.06 eV
LUMO	:-2.04 eV

**LT-N4249** | mTDBA-2Si **NEW**

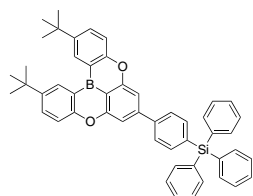
((2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracene-6,8-diyl)bis(4,1-phenylene))bis(triphenylsilane)

Grade	:Sublimed >99%
Formula	:C ₇₄ H ₆₃ BO ₂ Si ₂
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**

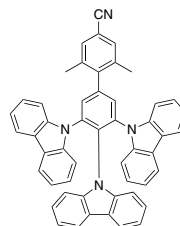
(4-(2,12-Di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)phenyl) triphenylsilane

Grade	:Sublimed >99%
Formula	:C ₅₀ H ₄₅ BO ₂ 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

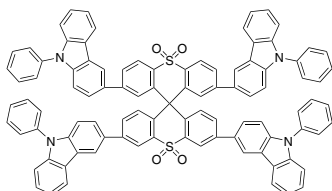
Grade	:Sublimed >99%
Formula	:C ₅₁ H ₃₄ N ₄
M.W.	:702.84 g/mole
UV	:338 nm (in Toluene)
PL	:410 nm (in Toluene)
HOMO	:-6.26 eV
LUMO	:-2.7 eV



LT-N587 | SDPS-4PhCz

3,3',6,6'-Tetrakis(9-phenyl-9H-carbazol-3-yl)-spiro-diphenylsulfone

Grade :Sublimed >99%
 Formula :C₉₇H₆₀N₄O₄S₂
 M.W. :1049.67 g/mole
 HOMO :-5.74 eV
 LUMO :-2.49 eV

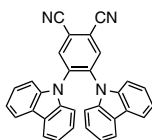


LT-N670 | 2CzPN

NEW

4,5-di(9H-carbazol-9-yl)phthalonitrile

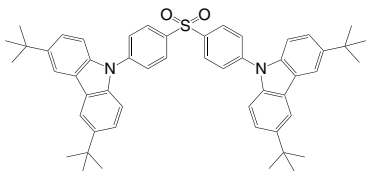
CAS No :1416881-50-9
 Grade :Sublimed >98%
 Formula :C₃₂H₁₈N₄
 M.W. :458.51 g/mole



LT-N672 | CZ-PS

9,9'-(4,4'-Sulfonylbis(4,1-phenylene))bis(3,6-di-tert-butyl-9H-carbazole)

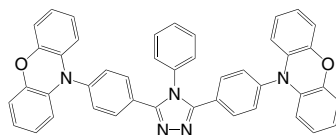
CAS No. :1396165-20-0
 Grade :Sublimed >99%
 Formula :C₅₂H₅₆N₂O₂S
 M.W. :773.08 g/mole
 UV :346 nm (in Toluene)
 PL :404 nm (in Toluene)
 TGA :>250 °C (0.5% weight loss)
 ΔEST :0.32 eV



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)

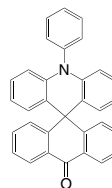
CAS No. :1447998-15-3
 Grade :Sublimed >99%
 Formula :C₄₄H₂₉N₅O₂
 M.W. :659.73 g/mole
 UV :473 nm (in Toluene)
 PL :462 nm
 TGA :>300 °C (0.5% weight loss)
 ΔEST :0.86 eV



LT-N681 | ACRSA

10-Phenyl-10H,10'H-spiro[acridine-9,9'-anthracen]-10'-one

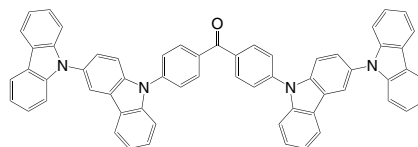
CAS No. :1206626-95-0
 Grade :Sublimed >99%
 Formula :C₃₂H₂₁NO
 M.W. :435.52 g/mole
 UV :301 nm (in Toluene)
 PL :490 nm (film)
 TGA :>250 °C (0.5% weight loss)
 ΔEST :0.04 eV



LT-N684 | CC2BP

Bis(4-(9H-3,9'-bicarbazol-9-yl)phenyl)methanone

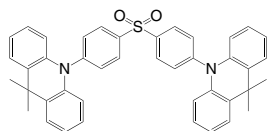
CAS No. :1233215-35-4
 Grade :Sublimed >99%
 Formula :C₆₁H₃₈N₄O
 M.W. :842.98 g/mole
 UV :345 nm (in Toluene)
 PL :475 nm
 TGA :>250 °C (0.5% weight loss)
 ΔEST :0.14 eV



LT-N685 | DMAC-DPS

10,10'-(4,4'-Sulfonylbis(4,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

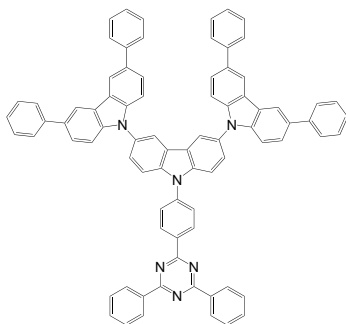
CAS No.	:1477512-32-5
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₆ N ₂ O ₂ S
M.W.	:632.81 g/mole
UV	:286 nm (in Toluene)
PL	:469 nm (in Toluene)
TGA	:>250 °C (0.5% weight loss)
ΔEST	:0.09 eV



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

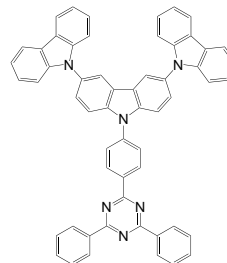
CAS No.	:1620808-43-6
Grade	:Sublimed >99%
Formula	:C ₈₁ H ₅₂ N ₆
M.W.	:1109.32 g/mole
UV	:288 nm (in Toluene)
PL	:463 nm (in Toluene)
TGA	:>300 °C (0.5% weight loss)
ΔEST	:0.11 eV



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 ₅₇ H ₃₆ N ₆
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

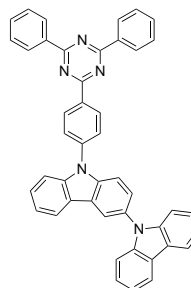


LT-N688

NEW

9'-[4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl]-3,9'-Bi-9H-carbazole

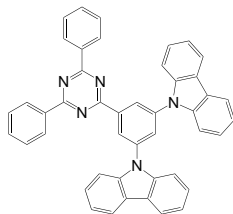
CAS No.	:1480889-49-3
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₂₉ N ₅
M.W.	:639.75 g/mole



LT-N689 | DCzTrz

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

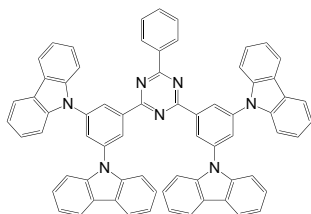
CAS No.	:1106730-48-6
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₂₉ N ₅
M.W.	:639.75 g/mole
UV	:337 nm (in Toluene)
PL	:449 nm (in Toluene)
TGA	:>300 °C (0.5% weight loss)
ΔEST	:0.25 eV



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)

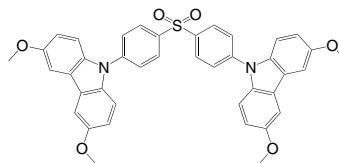
CAS No.	:1685282-47-6
Grade	:Sublimed >99%
Formula	:C ₆₉ H ₄₃ N ₇
M.W.	:970.13 g/mole
UV	:337 nm (in Toluene)
PL	:461 nm (in Toluene)
TGA	:>320 °C (0.5% weight loss)
ΔEST	:0.27 eV



LT-N691 | DMOC-DPS

9,9'-(4,4'-Sulfonylbis(4,1-phenylene))bis(3,6-dimethoxy-9H-carbazole)

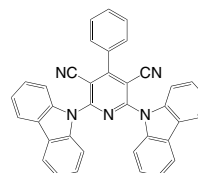
CAS No.	:1477507-77-9
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₃₂ N ₂ O ₆ S
M.W.	:668.76 g/mole
UV	:370 nm (in Toluene)
PL	:485 nm (in Toluene)
TGA	:>250 °C (0.5% weight loss)
ΔEST	:0.21 eV



LT-N695 | CPC

2,6-Di(9H-carbazol-9-yl)-4-phenylpyridine-3,5-dicarbonitrile

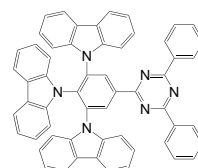
CAS No.	:1803330-63-3
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₂₁ N ₅
M.W.	:535.60 g/mole
PL	:474 (in Toluene)
TGA	:>280 °C (0.5% weight loss)
HOMO	:-6.25 eV
LUMO	:-3.47 eV



LT-N696 | TCzTrz

9,9',9''-(5-(4,6-Diphenyl-1,3,5-triazin-2-yl)benzene-1,2,3-triyl)tris(9H-carbazole)

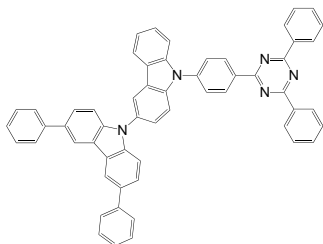
CAS No.	:1808158-40-8
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₆ N ₆
M.W.	:804.94 g/mole
UV	:414 nm
PL	:480 nm
HOMO	:-5.40 eV
LUMO	:-2.18 eV
Triplet Energy	:-2.80 eV



LT-N698 | DPCC-TPTA

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

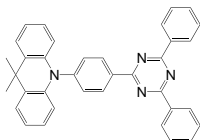
CAS No. :1620808-42-5
 Grade :Sublimed >99%
 Formula :C₅₇H₃₇N₅
 M.W. :791.94 g/mole
 UV :261, 349 nm (in CH₂Cl₂)
 PL :463 nm (in CH₂Cl₂)
 TGA :>300 °C (0.5% weight loss)



LT-N699 | DMAC-TRZ

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-9,9-dimethyl-9,10-dihydroacridine

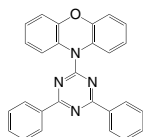
CAS No. :1628752-98-6
 Grade :Sublimed >99%
 Formula :C₃₆H₂₈N₄
 M.W. :516.63 g/mole
 UV :390 nm (in Toluene)
 PL :495 nm (in Toluene)



LT-N4117 | Phen-TRZ

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-10H-phenoxazine

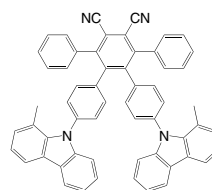
CAS No. :1357066-21-7
 Grade :Sublimed >99%
 Formula :C₂₇H₁₈N₄O
 M.W. :414.46 g/mole
 UV :231, 267, 306 nm (in CH₂Cl₂)
 PL :497 nm (in CH₂Cl₂)
 TGA :>240 °C (0.5% weight loss)



LT-N6001 | Cz-VPN

3,6-Dibenzoyl-4,5-di(1-methyl-9-phenyl-9H-carbazoyl)-2-ethynylbenzonitrile

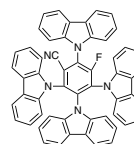
CAS No. :1883400-30-3
 Grade :Sublimed >99%
 Formula :C₅₈H₃₈N₄
 M.W. :790.97 g/mole
 UV :292, 325, 339 nm (in Toluene)
 PL :440 nm (in Toluene)
 HOMO :-6.10 eV
 LUMO :-2.90 eV
 Triplet Energy:-2.72 eV



LT-N6005 | 4CZFCN

2,3,4,6-Tetra(9H-carbazol-9-yl)-5-fluorobenzonitrile

CAS No. :1819362-10-1
 Grade :Sublimed >99%
 Formula :C₅₅H₃₂FN₅
 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

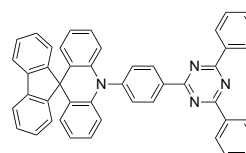


LT-N6006 | SpiroAC-TRZ

NEW

10-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-10H-spiro[acridine-9,9'-fluorene]

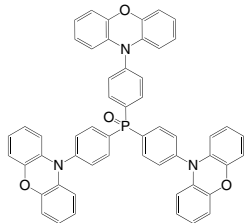
CAS No. :1980037-96-4
 Grade :Sublimed >99%
 Formula :C₄₆H₃₀N₄
 M.W. :638.76 g/mole
 PL :479 nm (in Toluene)
 HOMO :-5.7 eV
 LUMO :-3.12 eV



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 ₅₄ H ₃₆ N ₃ O ₄ 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

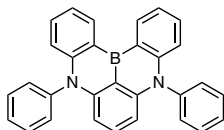


LT-N6009 | DABNA-1

NEW

5,9-diphenyl-5H,9H-[1,4]Benzazaborino[2,3,4-kl]phenazaborine

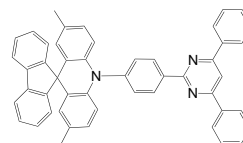
CAS No.	:1689552-89-3
Grade	:> 98%
Formula	:C ₃₀ H ₂₁ BN ₂
M.W.	:420.31 g/mole
UV	:437 nm
PL	:462 nm
HOMO	:-4.74 eV
LUMO	:-1.08 eV
Solvent	:DCM
ΔEST	:0.2 eV



LT-N6013 | MFAc-PPM

10-(4-(4,6-Diphenylpyrimidin-2-yl)phenyl)-2,7-dimethyl-10H-spiro[acridine-9,9'-fluorene]

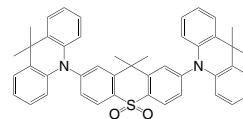
CAS No.	:2160591-15-9
Grade	:Sublimed >99%
Formula	:C ₄₉ H ₃₅ N ₃
M.W.	:665.82 g/mole
UV	:309, 386 nm (in Toluene)
PL	:458 nm (in Toluene)
HOMO	:-5.62 eV
LUMO	:-2.67 eV
ΔEST	:0.25 eV



LT-N6014 | DMTDAc

2,7-Bis(9,9-dimethylacridin-10(9H)-yl)-9,9-dimethyl-9H-thioxanthene-10,10-dioxide

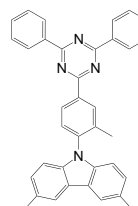
CAS No.	:1877288-52-2
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₄₀ N ₂ O ₂ S
M.W.	:672.88 g/mole
PL	:450 nm (in Toluene)
HOMO	:-6.1 eV
LUMO	:-3.35 eV



LT-N6016 | Cz-TRZ3

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

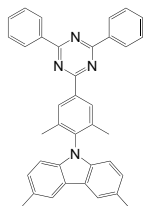
CAS No.	:2061376-83-6
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₂₈ N ₄
M.W.	:516.63 g/mole
PL	:435 nm (in Toluene)
HOMO	:-5.23 eV
LUMO	:-1.93 eV



LT-N6017 | Cz-TRZ4

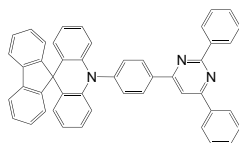
9-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2,6-dimethylphenyl)-3,6-dimethyl-9H-carbazole

CAS No. :2061376-84-7
 Grade :Sublimed >99%
 Formula :C₃₇H₃₀N₄
 M.W. :530.66 g/mole
 PL :432 nm (in Toluene)
 HOMO :-5.22 eV
 LUMO :-1.9 eV

**LT-N6018** | SpiroAC-DPP

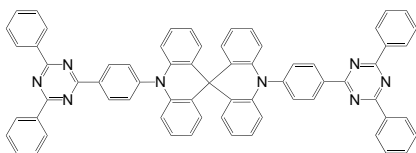
10-(4-(2,6-Diphenylpyrimidin-4-yl)phenyl)-10H-spiro[acridine-9,9'-fluorene]

CAS No. :2254002-33-8
 Grade :Sublimed >99%
 Formula :C₄₇H₃₁N₃
 M.W. :637.77 g/mole

**LT-N6026** | TZ-SBA

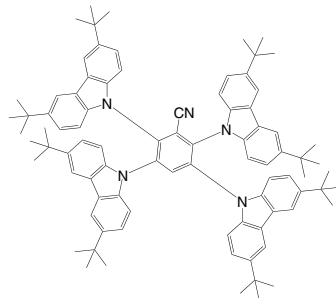
10,10'-Bis[4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl]-9,9'-spirobi(acridine)

CAS No. :2107977-57-9
 Grade :Sublimed >99%
 Formula :C₆₇H₄₄N₈
 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

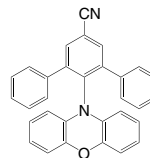
2,3,5,6-Tetrakis[3,6-bis(1,1-dimethylethyl)-9H-carbazol-9-yl]benzotrile

CAS No. :2055722-93-3
 Grade :Sublimed >99%
 Formula :C₈₇H₉₇N₅
 M.W. :1212.73 g/mole
 PL :456 nm

**LT-N6030** | mPTC

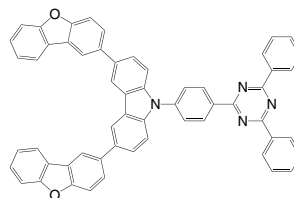
2'-(10H-Phenoxazin-10-yl)-[1,1':3',1''-terphenyl]-5'-carbonitrile

CAS No. :1948247-74-2
 Grade :Sublimed >99%
 Formula :C₃₁H₂₀N₂O
 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 :C₅₇H₃₄N₃O₂
 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

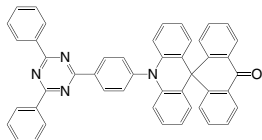


Blue Dopant

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

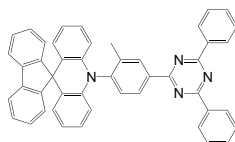
CAS No. :2376395-03-6
 Grade :Sublimed >99%
 Formula :C₄₇H₃₀N₄O
 M.W. :666.77 g/mole
 UV :270 nm (in Toluene)
 HOMO :-5.01 eV
 LUMO :-2.20 eV



LT-N6042 | TTSA

10-[4-(4,6-Diphenyl-1,3,5-triazin-2-yl)-2-methylphenyl]-spiro[acridine-9(10H),9'-[9H]fluorene]

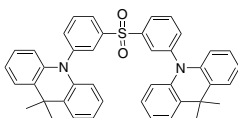
CAS No. :2266577-89-1
 Grade :Sublimed >99%
 Formula :C₄₇H₃₂N₄
 M.W. :652.78 g/mole
 UV :395 nm (in Toluene)
 PL :481 nm (film)
 HOMO :-5.74 eV
 LUMO :-1.39 eV
 ΔEST :0.063 eV



LT-N6044 | m-ACSO2

10,10'-(sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

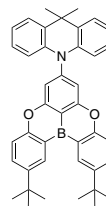
CAS No. :1477512-43-8
 Grade :Sublimed >99%
 Formula :C₄₂H₃₆N₂O₂S
 M.W. :632.81 g/mole
 PL :473 nm (film)
 HOMO :-5.36 eV
 LUMO :-2.26 eV
 ΔEST :0.07 eV



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

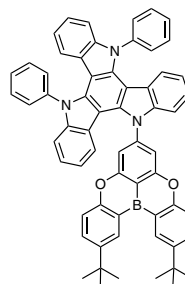
CAS No. :2378498-82-7
 Grade :Sublimed >99%
 Formula :C₄₁H₄₀BNO₂
 M.W. :589.57 g/mole
 UV :283, 381 nm (in Toluene)
 PL :458 nm (in Toluene)



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

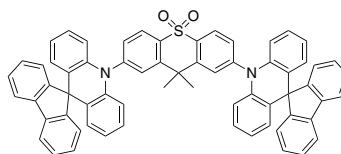
CAS No. :2378498-85-0
 Grade :Sublimed >99%
 Formula :C₆₂H₄₈BN₃O₂
 M.W. :877.87 g/mole



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 :C₆₅H₄₄N₂O₂S
 M.W. :917.12 g/mole

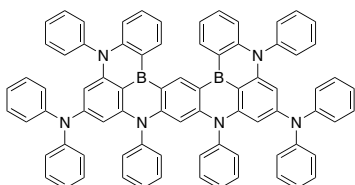


Blue Dopant

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, N₇,N₇,N₁₃,N₁₃,5,9,11,15-octaphenyl

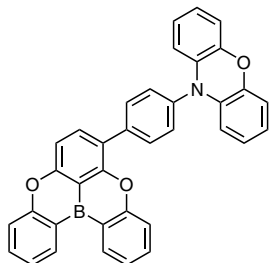
CAS No. :2251782-13-3
 Grade :Sublimed >98%
 Formula :C₇₈H₅₄B₂N₆
 M.W. :1096.93 g/mole



LT-N6055 | OBA-O

10-(4-[1,4]Benzoxaborino[2,3,4-kl] phenoxaborin-6-ylphenyl)-10H-Phenoxazine

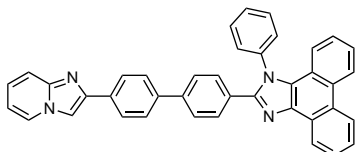
CAS No. :2376652-72-9
 Grade :Sublimed >99%
 Formula :C₃₆H₂₂BNO₃
 M.W. :527.38 g/mole
 PL :444 nm (in Toluene)
 HOMO :-5.15 eV
 LUMO :-2.31 eV
 ΔEST :0.09 eV



LT-N6056 | IP-PPI

2-(4'-(Imidazo[1,2-a]pyridin-2-yl)biphenyl-4-yl)-1-phenyl-1H-phenanthro[9,10-d]imidazole

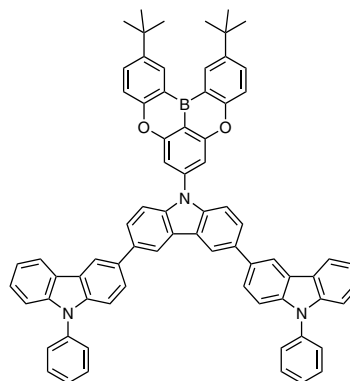
CAS No. :2494198-09-1
 Grade :Sublimed >99%
 Formula :C₄₀H₂₆N₄
 M.W. :562.66 g/mole
 PL :435 nm (film)
 HOMO :-5.44 eV
 LUMO :-2.40 eV
 Triplet Energy:-2.56 eV



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

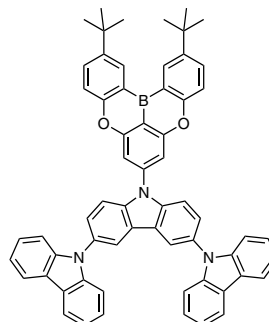
CAS No. :2411720-50-6
 Grade :Sublimed >99%
 Formula :C₇₄H₅₆BN₃O₂
 M.W. :1030.07 g/mole
 PL :460 nm (film)
 HOMO :-4.88 eV
 LUMO :-1.72 eV
 ΔEST :0.113 eV



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 :C₆₂H₄₈BN₃O₂
 M.W. :877.87 g/mole
 PL :433 nm (film)
 HOMO :-5.15 eV
 LUMO :-1.93 eV
 ΔEST :0.064 eV

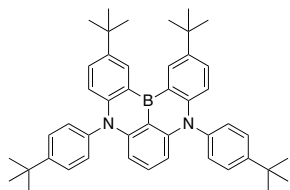


Blue Dopant

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

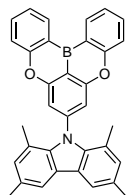
CAS No.	:1802003-07-1
Grade	:Sublimed >99%
Formula	:C ₄₆ H ₅₃ BN ₂
M.W.	:644.74 g/mole
UV	:445 nm
TGA	:>300 °C (0.5% weight loss)
HOMO	:-5.72 eV
LUMO	:-3.02 eV



LT-N6060 | TMCz-BO

9-[1,4]Benzoxaborino[2,3,4-kl]phenoxaborin-7-yl-1,3,6,8-tetramethyl-9H-carbazole

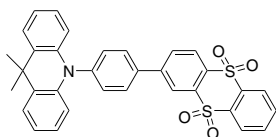
CAS No.	:2170468-48-9
Grade	:Sublimed >99%
Formula	:C ₃₄ H ₂₆ BN ₂ O ₂
M.W.	:491.39 g/mole
PL	:467 nm (film)
HOMO	:-5.29 eV
LUMO	:-1.83 eV



LT-N6061 | ACRDSO2

2-(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)thianthrene 5,5,10,10-tetraoxide

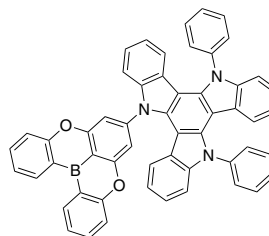
CAS No.	:1771775-06-4
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₅ NO ₄ S ₂
M.W.	:563.69 g/mole



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

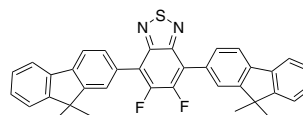
CAS No.	:2643306-48-1
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₃₂ BN ₃ O ₂
M.W.	:765.66 g/mole



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 ₃₆ H ₂₆ F ₂ N ₂ S
M.W.	:556.67 g/mole
PL	:483 nm (film)
HOMO	:-6.05 eV
LUMO	:-3.44 eV

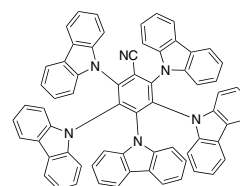


LT-N6068 | 5CzBN

NEW

2,3,4,5,6-Penta(9H-carbazol-9-yl)benzotrile

CAS No	:1469700-24-0
Grade	:Sublimed >99%
Formula	:C ₆₇ H ₄₀ N ₆
M.W.	:929.07 g/mole
PL	:464 nm (in Toluene)
HOMO	:-5.55 eV
LUMO	:-2.74 eV

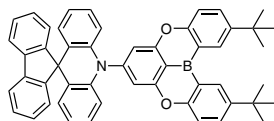


Blue Dopant

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]

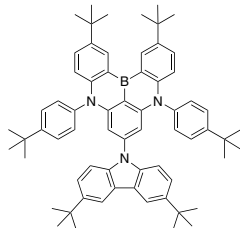
CAS No.	:2643306-28-7
Grade	:Sublimed >99%
Formula	:C ₅₁ H ₄₂ BN ₂ O ₂
M.W.	:711.70 g/mole
PL	:456 nm
HOMO	:-5.7 eV
LUMO	:-2.4 eV



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

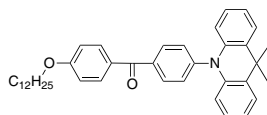
CAS No.	:2376745-32-1
Grade	:>98%
Formula	:C ₆₆ H ₇₆ BN ₃
M.W.	:922.14 g/mole
UV	:306, 389, 451 nm
PL	:470 nm (in Toluene)
HOMO	:-5.19 eV
LUMO	:-2.56 eV
ΔEST	:0.03 eV



LT-N6073 | M1

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

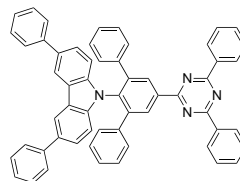
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₄₇ NO ₂
M.W.	:573.81 g/mole
PL	:488 nm (film)
HOMO	:-4.93 eV
LUMO	:-1.73 eV
ΔEST	:0.038 eV



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

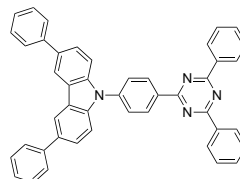
CAS No.	:2329651-89-8
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₈ N ₄
M.W.	:778.94 g/mole
UV	:444 nm (in Toluene)
HOMO	:-5.602 eV
LUMO	:-2.657 eV



LT-N6075 | PCzTrz

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

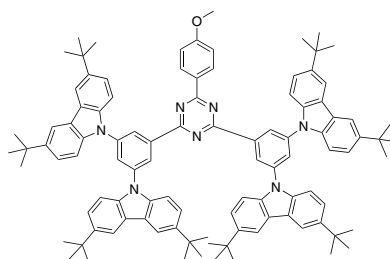
CAS No.	:1619966-65-2
Grade	:Sublimed >99%
Formula	:C ₄₅ H ₃₀ N ₄
M.W.	:626.75 g/mole
UV	:434 nm (in Toluene)
HOMO	:-5.609 eV
LUMO	:-2.585 eV



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)

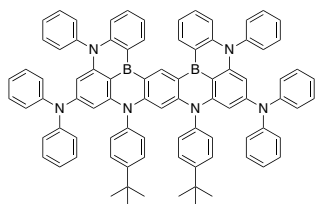
Grade	:Sublimed >99%
Formula	:C ₁₀₂ H ₁₀₉ N ₇ O
M.W.	:1449 g/mole
PL	:469 nm (in Toluene)
HOMO	:-6.03 eV
LUMO	:-3.41 eV



LT-N6077 | t-Bu-v-DABNA

N₇,N₇,N₁₃,N₁₃,5,15-hexaphenyl-9,11-bis(4-(tert-butyl)phenyl)-5,9,11,15-tetrahydro-5,9,11,15-tetraaza-19b,20b-diboradiphtho[3,2,1-de:1',2',3'-jk]pentacene-7,13-diamine

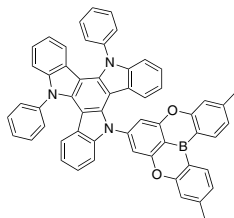
CAS No. :2914070-28-1
 Grade :Sublimed >99%
 Formula :C₈₆H₇₀B₂N₆
 M.W. :1209.14 g/mole
 PL :467 nm (in Toluene)
 HOMO :-5.54 eV
 LUMO :-2.94 eV
 ΔEST :0.04 eV



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

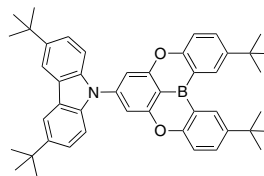
CAS No. :2770257-85-5
 Grade :Sublimed >99%
 Formula :C₅₆H₃₆BN₃O₂
 M.W. :793.71 g/mole
 PL :451 nm (in Toluene)
 HOMO :-5.48 eV
 LUMO :-2.57 eV
 ΔEST :0.12 eV



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

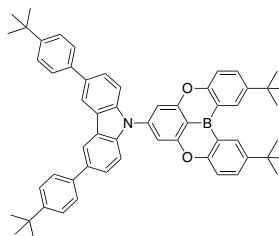
Grade :Sublimed >99%
 Formula :C₄₄H₅₀BNO₂
 M.W. :659.71 g/mole
 PL :415 nm (in Toluene)
 HOMO :-5.64 eV
 LUMO :-2.47 eV
 ΔEST :0.23 eV



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

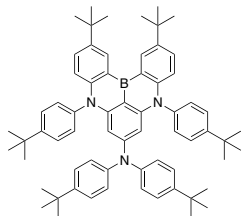
Grade :Sublimed >99%
 Formula :C₅₈H₅₈BNO₂
 M.W. :811.90 g/mole
 PL :422 nm (in Toluene)
 HOMO :-5.69 eV
 LUMO :-2.64 eV
 ΔEST :0.17 eV



LT-N6085 | 3tPAB

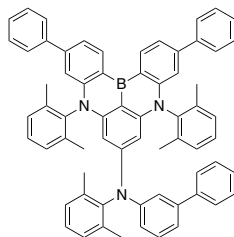
2,12-Di-tert-butyl-N,N,5,9-tetrakis(4-(tert-butyl)phenyl)-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracen-7-amine

CAS No.	:2056877-25-7
Grade	:Sublimed >98%
Formula	:C ₆₆ H ₇₈ BN ₃
M.W.	:924.16 g/mole
PL	:458 nm (film)
HOMO	:-5.09 eV
LUMO	:-2.36 eV

**LT-N6091** | mBP-DABNA-Me

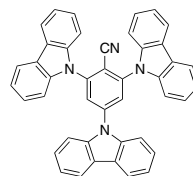
N-([1,1'-biphenyl]-3-yl)-N,5,9-tris(2,6-dimethylphenyl)-3,11-diphenyl-5,9-dihydro-5,9-diaza-13b-boranaphtho[3,2,1-de]anthracen-7-amine

CAS No.	:2839867-64-8
Grade	:Sublimed >98%
Formula	:C ₆₆ H ₅₄ BN ₃
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**

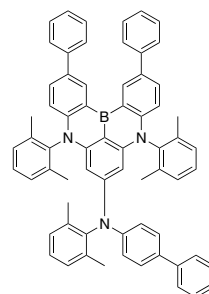
2,4,6-Tri(9H-carbazol-9-yl)benzotrile

CAS No.	:1799923-03-7
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₂₆ N ₄
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 ₆₆ H ₅₄ BN ₃
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

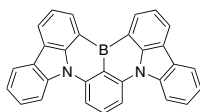


LT-N6096 | CzBN

NEW

2,6-Bis(9H-carbazol-9-yl)boron

CAS No.	:2170487-27-9
Grade	:Sublimed >99%
Formula	:C ₃₀ H ₁₇ BN ₂
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

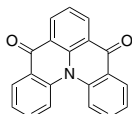


LT-N6097 | DiKTa

NEW

Quinolino[3,2,1-de]acridine-5,9-dione

CAS No.	:32081-22-4
Grade	:>98%
Formula	:C ₂₀ H ₁₁ NO ₂
M.W.	:297.31 g/mole
PL	:453 nm (in Toluene)
HOMO	:-5.94 eV
LUMO	:-2.31 eV
ΔEST	:0.2 eV

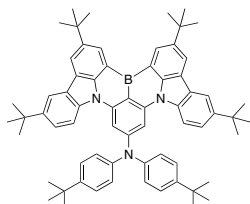


LT-N6098 | tDPA-DtCzB

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 ₆₆ H ₇₄ BN ₃
M.W.	:920.12 g/mole

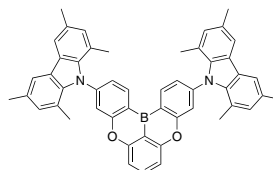


LT-N6099 | DBA-DTMCz

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 ₅₀ H ₄₁ BN ₂ O ₂
M.W.	:712.68 g/mole
UV	:390 nm (in Toluene)
PL	:455 nm (in Toluene)

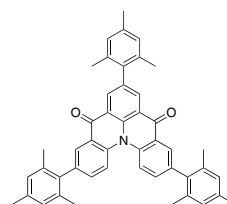


LT-N6101 | Mes3DiKTa

NEW

3,7,11-Trimesitylquinolino[3,2,1-de]acridine-5,9-dione

Grade	:>98%
Formula	:C ₄₇ H ₄₁ NO ₂
M.W.	:651.83 g/mole
PL	:468 nm (in Toluene)
HOMO	:-5.86 eV
LUMO	:-3.26 eV
ΔEST	:0.19 eV

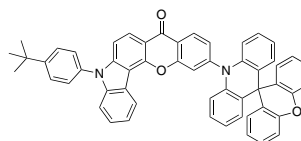


LT-N6102 | CCO-2

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 ₅₄ H ₃₈ N ₂ O ₃
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



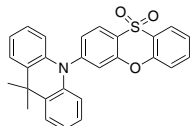
Blue Dopant

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 :C₂₇H₂₁NO₃S
 M.W. :439.53 g/mole

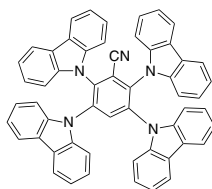


LT-N6104 | 4CzBN

NEW

2,3,5,6-tetra(9H-carbazol-9-yl)benzotrile

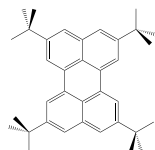
CAS No :1996609-93-8
 Grade :Sublimed >99%
 Formula :C₅₅H₃₃N₅
 M.W. :763.88 g/mole
 UV :334, 403 nm (in Toluene)
 PL :443 nm (in Toluene)
 HOMO :-5.7 eV
 LUMO :-2.75 eV



LT-E603 | TBP

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

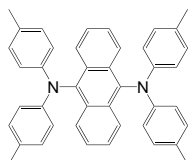
CAS No. :80663-92-9
 Grade :Sublimed >99%
 Formula :C₃₆H₄₄
 M.W. :476.73 g/mole
 UV :412, 438 nm (in THF)
 PL :457nm (in DCM)
 TGA :>220 °C (0.5% weight loss)



LT-N507 | TTPA

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

CAS No. :177799-16-5
 Grade :Sublimed >99%
 Formula :C₄₂H₃₆N₂
 M.W. :568.75 g/mole
 UV :294, 471 nm (in CH₂Cl₂)
 PL :554 nm (in CH₂Cl₂)
 TGA :> 280 °C (0.5% weight loss)

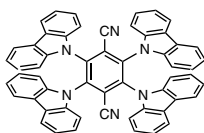


LT-N524 | 4-CzTPN

NEW

2,3,5,6-tetra(9H-carbazol-9-yl)terephthalonitrile

CAS No :1416881-53-2
 Grade :Sublimed >98%
 Formula :C₅₆H₃₂N₆
 M.W. :788.89 g/mole

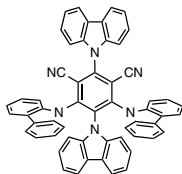


LT-N525 | 4CzIPN

NEW

2,4,5,6-tetra(9H-carbazol-9-yl)isophthalonitrile

CAS No :1416881-52-1
 Grade :Sublimed > 98%
 Formula :C₅₆H₃₂N₆
 M.W. :788.89 g/mole
 UV :365 nm (Acetonitrile)
 PL :551 nm (Acetonitrile)
 HOMO :-5.8 eV
 LUMO :-3.4 eV

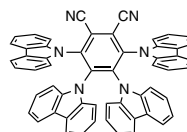


LT-N526 | 4CzPN

NEW

3,4,5,6-tetra(9H-carbazol-9-yl)phthalonitrile

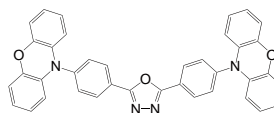
CAS No :1416881-51-0
 Grade :Sublimed >99%
 Formula :C₅₆H₃₂N₆
 M.W. :788.89 g/mole
 UV :325, 364 nm (in Toluene)
 PL :528 nm (in Toluene)
 HOMO :-5.83 eV
 LUMO :-3.38 eV



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 :C₃₈H₂₄N₄O₃
 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

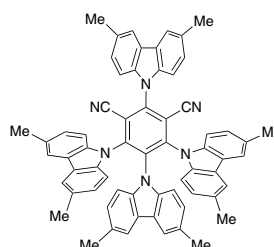


LT-N534 | m4CzIPN

NEW

2,4,5,6-Tetrakis(3,6-dimethyl-9H-carbazol-9-yl)isophthalonitrile

CAS No :1469703-61-4
 Grade :>98%
 Formula :C₆₄H₄₈N₆
 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

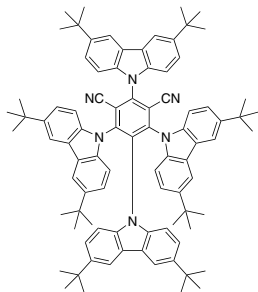


LT-N535 | t4CzIPN

NEW

2,4,5,6-Tetrakis[3,6-bis(1,1-dimethylethyl)-9H-carbazol-9-yl]-1,3-Benzenedicarbonitrile

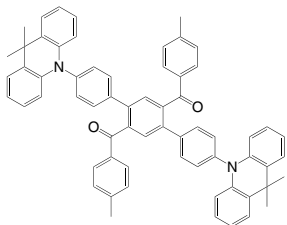
CAS No. :1630263-99-8
 Grade :Sublimed >99%
 Formula :C₈₈H₉₆N₆
 M.W. :1237.74 g/mole



LT-N538 | AcPmBPX

1,4-Bis(9,9-dimethylacridan-10-yl-p-phenyl)-2,5-bis(p-tolylmethanoyl)benzene

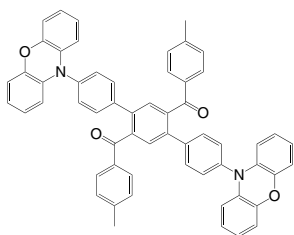
CAS No. :1647121-45-6
 Grade :Sublimed >99%
 Formula :C₆₄H₅₂N₂O₂
 M.W. :811.11 g/mole
 PL :490 nm (film)
 TGA :> 250 °C (0.5% weight loss)
 ΔEST :0.05 eV



LT-N540 | PxPmBPX

1,4-Bis(9,9-phenoxazin-10-yl-p-phenyl)-2,5-bis(p-tolylmethanoyl)benzene

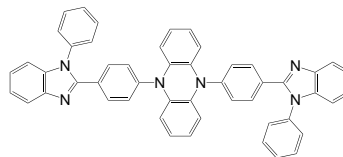
CAS No. :1647121-46-7
 Grade :Sublimed >99% (NMR)
 Formula :C₅₈H₄₀N₂O₄
 M.W. :828.95 g/mole
 PL :550 nm (in CH₂Cl₂)
 TGA :> 250 °C (0.5% weight loss)
 ΔEST :0.02 eV



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 :C₅₀H₃₄N₆
 M.W. :718.85 g/mole
 UV :428 nm (in CH₂Cl₂)
 PL :550 nm (in CH₂Cl₂)
 TGA :>250 °C (0.5% weight loss)
 ΔEST :0.19 eV

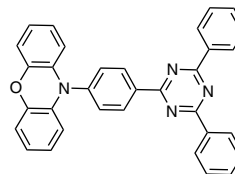


LT-N542 | PXZ-TRZ

NEW

10-(4-(4,6-Diphenyl-1,3,5-triazin-2-yl)phenyl)-10H-phenoxazine

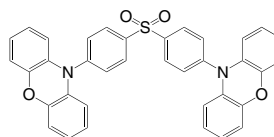
CAS No. :1411910-25-2
 Grade :Sublimed >99%
 Formula :C₃₃H₂₂N₄O
 M.W. :490.55 g/mole



LT-N545 | PXZ-DPS

10,10'-(4,4'-Sulfonylbis(4,1-phenylene))bis(10H-phenoxazine)

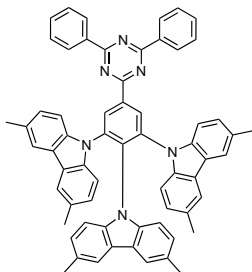
CAS No. :1477511-57-1
 Grade :Sublimed >99%
 Formula :C₃₆H₂₄N₂O₄S
 M.W. :580.65 g/mole
 PL :507 nm (in Toluene)
 TGA :> 220 °C (0.5% weight loss)
 ΔEST :0.08 eV



LT-N548 | TmCzTrz

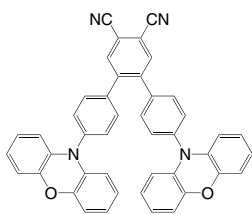
9,9',9''-(5-(4,6-Diphenyl-1,3,5-triazin-2-yl)benzene-1,2,3-triyl)tris(3,6-dimethyl-9H-carbazole)

CAS No. :1808158-41-9
 Grade :Sublimed >99%
 Formula :C₆₃H₄₈N₆
 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

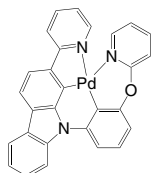
4,4''-Di-10H-phenoxazin-10-yl[1,1':2',1''-terphenyl]-4',5'-dicarbonitrile

CAS No. :1784766-39-7
 Grade :Sublimed >99%
 Formula :C₄₄H₂₆N₄O₂
 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

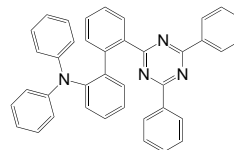
2[(2-pyridinyl)-9-[3-(2-pyridinyloxy)phenyl]-9H-carbazole]palladium

CAS No. :1685288-56-5
 Formula :C₂₈H₁₇N₃OPd
 M.W. :517.87 g/mole

**LT-N555** | PA-ort-2Ph-TRZ

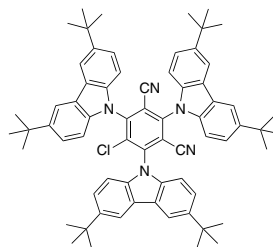
2'-(4,6-Diphenyl-1,3,5-triazin-2-yl)-N,N-diphenylbiphenyl-2-amine

CAS No. :2234870-53-0
 Grade :Sublimed >99%
 Formula :C₃₉H₂₈N₄
 M.W. :552.67 g/mole

**LT-N557** | t3CzIPN**NEW**

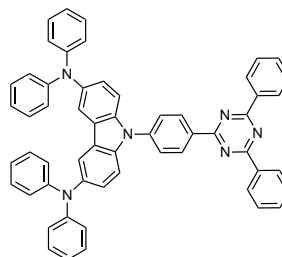
5-Chloro-2,4,6-tris(3,6-di-tert-butyl-9H-carbazol-9-yl)isophthalonitrile

CAS No. :1469704-64-0
 Grade :Sublimed >99%
 Formula :C₆₈H₇₂ClN₅
 M.W. :994.79 g/mole

**LT-N556** | DACT-II**NEW**

9-(4-(4,6-diphenyl-1,3,5-triazin-2-yl)phenyl)-N₃,N₃,N₆,N₆-tetraphenyl-9H-carbazole-3,6-diamine

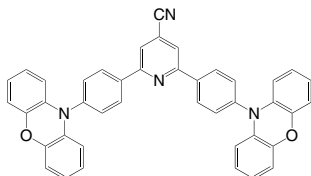
CAS No. :1613074-59-1
 Grade :Sublimed >99%
 Formula :C₅₇H₄₀N₆
 M.W. :808.97 g/mole



LT-N563 | 26PXZINN

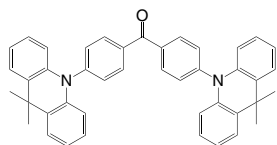
2,6-Bis(4-(10H-phenoxazin-10-yl)phenyl)isonicotinonitrile

CAS No.	:2093368-84-2
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₆ N ₄ O ₂
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

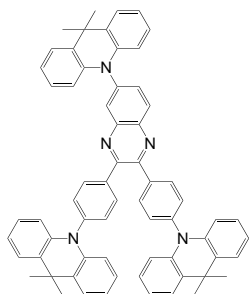
Bis(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)methanone

CAS No.	:1685287-55-1
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₃₆ N ₂ O
M.W.	:596.76 g/mole

**LT-N566** | DBQ-3DMAc

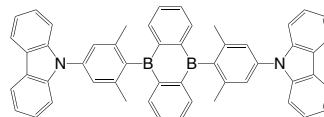
2,3-Bis(4-(9,9-dimethyl-9,10-dihydroacridinyl-10-yl)phenyl)-6-(9,9-dimethyl-9,10-dihydrogenacridine-10-yl)-quinoxaline

CAS No.	:2035390-33-9
Grade	:Sublimed >99%
Formula	:C ₆₅ H ₅₃ N ₅
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

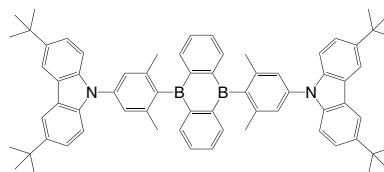
5,10-Bis(4-(9H-carbazol-9-yl)-2,6-dimethylphenyl)-5,10-dihydroboranthrene

CAS No.	:2171334-43-1
Grade	:Sublimed >99%
Formula	:C ₅₂ H ₄₀ B ₂ N ₂
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

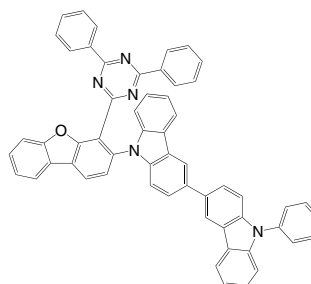
5,10-Bis(4-(3,6-di-tert-butyl-9H-carbazol-9-yl)-2,6-dimethylphenyl)-5,10-dihydroboranthrene

CAS No.	:2171334-46-4
Grade	:Sublimed >99%
Formula	:C ₆₈ H ₇₂ B ₂ N ₂
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

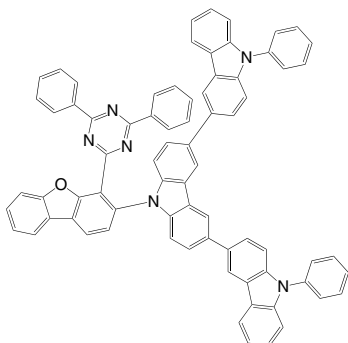
CAS No.	:2351818-36-3
Grade	:Sublimed >99%
Formula	:C ₅₇ H ₃₅ N ₅ O
M.W.	:805.92 g/mole
PL	:503 nm
HOMO	:-5.85 eV
LUMO	:-3.34 eV
ΔEST	:0.06 eV



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

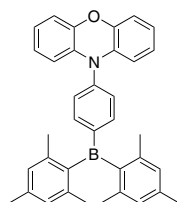
CAS No. :2351848-35-4
 Grade :Sublimed >99%
 Formula :C₇₅H₄₆N₆O
 M.W. :1047.21 g/mole
 PL :511 nm
 HOMO :-5.87 eV
 LUMO :-3.43 eV
 ΔEST :0.01 eV



LT-N579 | DMB-PXZ

10-(4-(dimesitylboryl)phenyl)-10H-phenoxazine

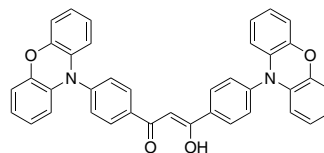
CAS No. :1931882-06-2
 Grade :Sublimed >99%
 Formula :C₃₆H₃₄BNO
 M.W. :507.47 g/mole
 PL :540 nm (in Toluene)
 HOMO :-4.95 eV
 LUMO :-1.65 eV



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 :C₃₉H₂₆N₂O₄
 M.W. :586.63 g/mole
 PL :604 nm (in Toluene)
 HOMO :-5.13 eV
 LUMO :-2.70 eV
 ΔEST :0.04 eV

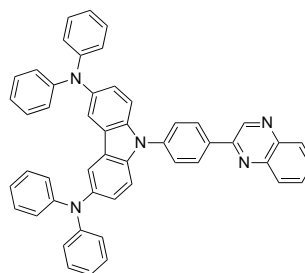


LT-N581 | DACQ

NEW

2-(4-(N,N',N'',N'''-tetraphenyl-3,6-diamino-9-carbazolyl)phenyl)-quinoxaline

CAS No. :1639264-30-4
 Grade :Sublimed >99%
 Formula :C₅₀H₃₅N₅
 M.W. :705.85 g/mole
 PL :544 nm (in Toluene)

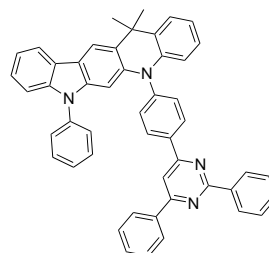


LT-N582 | 23AcCz-PM

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 :C₄₉H₃₆N₄
 M.W. :680.84 g/mole
 PL :520 nm (in Toluene)
 HOMO :-5.21 eV
 LUMO :-2.43 eV
 ΔEST :0.06 eV

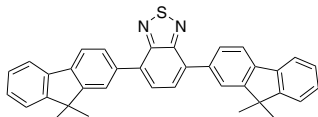


Green Dopant

LT-N584 | BTH-DMF

4,7-Bis(9,9-dimethyl-9H-fluoren-2-yl) benzo[c][1,2,5]thiadiazole

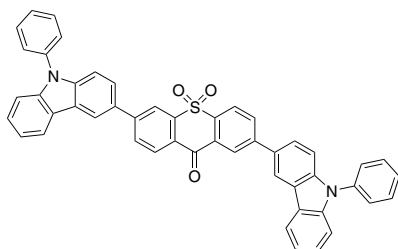
CAS No. :333432-18-1
 Grade :Sublimed >99%
 Formula :C₃₆H₂₈N₂S
 M.W. :520.69 g/mole
 PL :519 nm (film)
 HOMO :-5.83 eV
 LUMO :-3.32 eV



LT-N585 | 2,6-TXO-PhCz

2,6-Di(9-phenyl-9H-carbazol-3-yl)-9-H-thioxanthen-9-one-10,10-dioxide

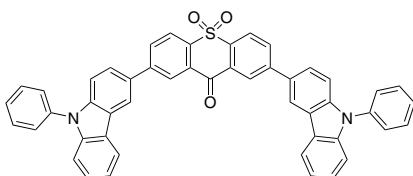
Grade :Sublimed >99%
 Formula :C₄₉H₃₀N₂O₃S
 M.W. :726.84 g/mole
 PL :550 nm (film)
 HOMO :-5.77 eV
 LUMO :-3.46 eV



LT-N586 | 2,7-TXO-PhCz

2,7-Di(9-phenyl-9H-carbazol-3-yl)-9H-thioxanthen-9-one-10,10-dioxide

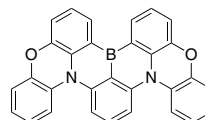
Grade :Sublimed >99%
 Formula :C₄₉H₃₀N₂O₃S
 M.W. :726.84 g/mole
 PL :550 nm (film)
 HOMO :-5.78 eV
 LUMO :-3.49 eV



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

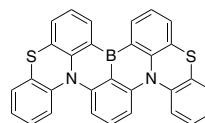
CAS No. :2250280-10-3
 Grade :>98%
 Formula :C₃₀H₁₇BN₂O₂
 M.W. :448.28 g/mole
 PL :502 nm (in 2-MeTHF)
 ΔEST :0.17 eV



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

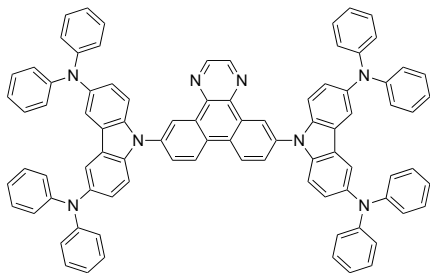
CAS No. :2250280-17-0
 Grade :Sublimed >98%
 Formula :C₃₀H₁₇BN₂S₂
 M.W. :480.41 g/mole
 UV :471 nm (in Toluene)
 PL :510 nm (in Toluene)
 HOMO :-5.19 eV
 LUMO :-2.73 eV
 ΔEST :0.15 eV



LT-N593 | DQBC

9,9'-(Dibenzo[f,h]quinoxaline-6,11-diyl)bis(N₃,N₃,N₆,N₆-tetraphenyl-9H-carbazole-3,6-diamine)

Grade	:>98%
Formula	:C ₈₈ H ₆₀ N ₈
M.W.	:1229.47 g/mole
PL	:551 nm (in Toluene)
HOMO	:-5.07 eV
LUMO	:-2.68 eV
ΔEST	:0.06 eV

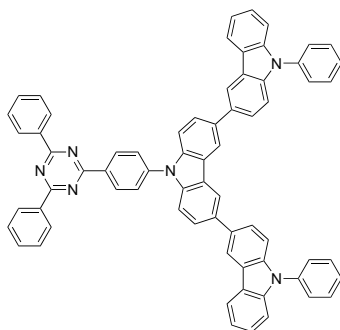


LT-N597 | TCzTrz

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 ₆₉ H ₄₄ N ₆
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

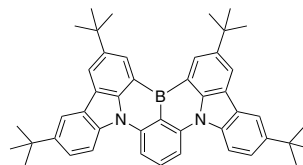


LT-N5004 | DtBuCzB

NEW

2,6-Bis(3,6-di-tert-butyl-9H-carbazol-9-yl)boron

CAS No.	:2170487-30-4
Grade	:Sublimed >98%
Formula	:C ₄₆ H ₄₉ BN ₂
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

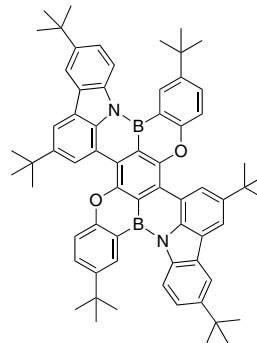


LT-N5008 | P[B-N]O

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 ₆₆ H ₇₀ B ₂ N ₂ O ₂
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 : >98%

Formula : $C_{38}H_{33}BN_2S$

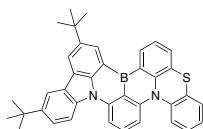
M.W. : 560.56 g/mole

UV : 470 nm (in Toluene)

PL : 509 nm (in Toluene)

HOMO : -5.36 eV

LUMO : -2.81 eV

 Δ 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 : >98%

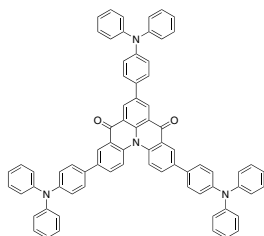
Formula : $C_{74}H_{50}N_4O_2$

M.W. : 1027.21 g/mole

PL : 551 nm (film)

HOMO : -5.27 eV

LUMO : -2.98 eV

 Δ 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

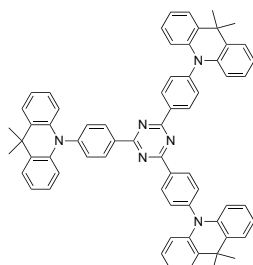
Grade : Sublimed >99%

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 : >99%

Formula : $C_{92}H_{100}N_2$

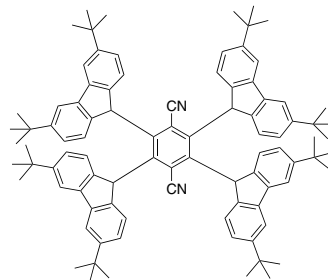
M.W. : 1233.79 g/mole

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 >99%

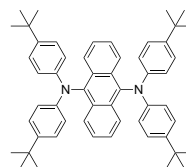
Formula : $C_{54}H_{60}N_2$

M.W. : 737.07 g/mole

UV : 526 nm (in Toluene)

HOMO : -5 eV

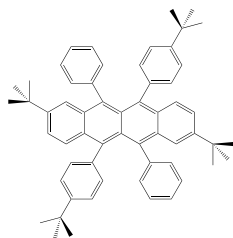
LUMO : -2.58 eV



LT-N732 | TBRb

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

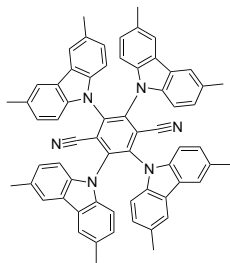
CAS No.	:682806-51-5
Grade	:Sublimed >99%
Formula	:C ₅₈ H ₆₀
M.W.	:757.1 g/mole
UV	:306 nm (in CH ₂ Cl ₂)
PL	:571 nm (in CH ₂ Cl ₂)
TGA	:>310 °C (0.5% weight loss)



LT-N763 | 4CzTPN-Me

2,3,5,6-tetrakis(3,6-dimethyl-9H-carbazol-9-yl)terephthalonitrile

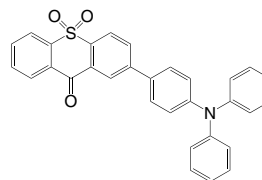
CAS No.	:1416881-54-3
Grade	:Sublimed >98%
Formula	:C ₆₄ H ₄₈ N ₅
M.W.	:901.11 g/mole
UV	:498 nm (in Toluene)
PL	:561 nm (in Toluene)
HOMO	:-5.69 eV
LUMO	:-2.9 eV

**NEW**

LT-N775 | TXO-TPA

2-[4-(Diphenylamino)phenyl]-10,10-dioxide-9H-thioxanthen-9-one

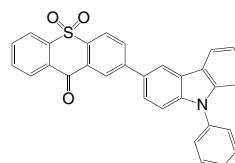
CAS No.	:1623010-63-8
Grade	:Sublimed >99%
Formula	:C ₃₁ H ₂₁ NO ₃ S
M.W.	:487.57 g/mole
UV	:299/353/415nm (in Toluene)
PL	:625 nm (film)
TGA	:>250 °C (0.5% weight loss)
HOMO	:-5.40 eV
LUMO	:-3.50 eV
ΔEST	:0.052 eV



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 ₃₁ H ₁₉ NO ₃ 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

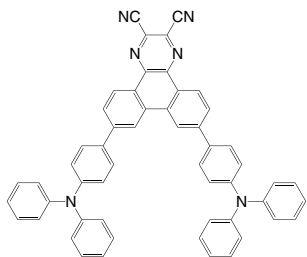


Red Dopant

LT-N782 | TPA-DCPP

7,10-Bis(4-(diphenylamino)phenyl)-2,3-dicyanopyrazino-phenanthrene

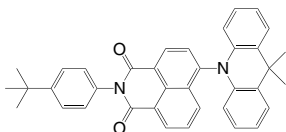
CAS No.	:1803287-94-6
Grade	:Sublimed >99%
Formula	:C ₅₄ H ₃₄ N ₆
M.W.	:766.89 g/mole
UV	:308, 458 nm (in film)
PL	:810 nm (in CH ₂ Cl ₂)
HOMO	:-5.3 eV
LUMO	:-3.52 eV



LT-N797 | NAI-DMAC

N-(4-Tert-butylphenyl)-1,8-naphthalimide-9,9-dimethyl-9,10-dihydroacridine

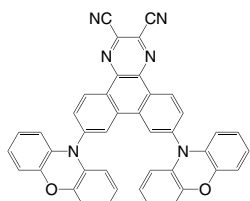
CAS No.	:2196247-08-0
Grade	:Sublimed >99%
Formula	:C ₃₇ H ₃₂ N ₂ O ₂
M.W.	:536.66 g/mole
UV	:353, 460 nm (in Toluene)
PL	:582 nm (in Toluene)
HOMO	:-5.41 eV
LUMO	:-2.99 eV
ΔEST	:0.09 eV



LT-N798 | PXZ-DCPP

7,10-Bis(phenoxazine)-2,3-dicyanopyrazino phenanthrene

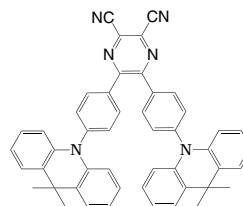
CAS No.	:1803288-00-7
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₂ N ₆ O ₂
M.W.	:642.66 g/mole
UV	:323, 372 nm (in Toluene)
PL	:564 nm (film)
HOMO	:-5.19 eV
LUMO	:-3.52 eV



LT-N793 | Ac-CNP

5,6-Bis(4-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyrazine-2,3-dicarbonitrile

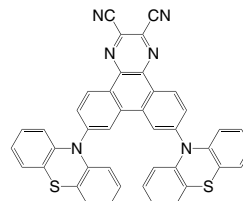
CAS No.	:1883400-34-7
Grade	:Sublimed >99%
Formula	:C ₄₈ H ₃₆ N ₆
M.W.	:696.84 g/mole
UV	:282, 436 nm (in Toluene)
PL	:570 nm (film)
HOMO	:-5.4 eV
LUMO	:-3.1 eV



LT-N799 | PTZ-DCPP

7,10-Bis(phenothiazine)-2,3-dicyanopyrazino phenanthrene

CAS No.	:1803288-01-8
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₂ N ₆ S ₂
M.W.	:674.79 g/mole
UV	:369, 436 nm (in Toluene)
PL	:580 nm (film)
HOMO	:-5.08 eV
LUMO	:-3.48 eV

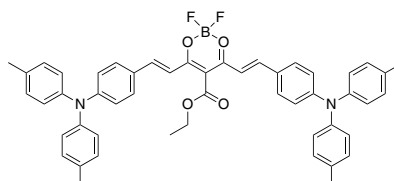


LT-N901 | TPAM-BF2

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 ₅₀ H ₄₅ BF ₂ N ₂ O ₄
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

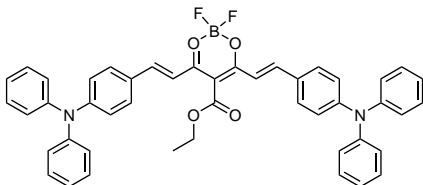
4,6-Bis((E)-4-(diphenylamino)styryl)-5-(ethoxycarbonyl)-2,2-difluoro-2H-1,3,2-dioxaborinin-1-ium-2-uide

CAS No. :2243376-97-6

Grade :> 99%

Formula :C₄₆H₃₇BF₂N₂O₄

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%

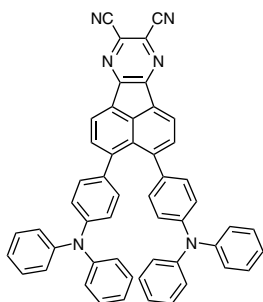
Formula :C₅₂H₃₂N₆

M.W. :740.85 g/mole

PL :693nm (device)

HOMO :-5.27 eV

LUMO :-3.45 eV



LT-N7010 | oDTBPZ-DPXZ

10,10'-(1,1,12-Di-o-tolyldibenzo[a,c]phenazine-3,6-diyl) bis(10H-phenoxazine)

CAS No. :2630930-25-3

Grade :Sublimed >99%

Formula :C₅₈H₃₈N₄O₂

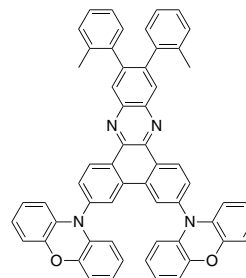
M.W. :822.95 g/mole

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 :C₄₇H₃₆N₂O₂

UV :352/450 nm (in Toluene)

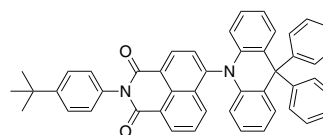
PL :570 nm (in Toluene)

M.W. :660.8 g/mole

HOMO :-5.52 eV

LUMO :-3.05 eV

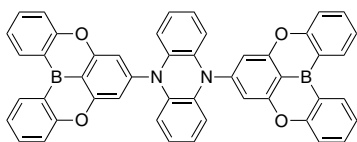
ΔEST :0.17 eV



LT-N7013 | PzDBA

5,10-Di(5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-5,10-dihydrophenazine

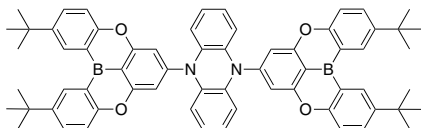
CAS No. :2637390-89-5
 Grade :Sublimed >99%
 Formula :C₄₈H₂₈B₂N₂O₄
 M.W. :718.37 g/mole
 PL :610 nm (in Toluene)
 HOMO :-4.98 eV
 LUMO :-2.80 eV
 ΔEST :0.05 eV



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 :C₆₄H₆₀B₂N₂O₄
 M.W. :942.79 g/mole
 PL :599 nm (in Toluene)
 HOMO :-4.94 eV
 LUMO :-2.71 eV
 ΔEST :0.06 eV

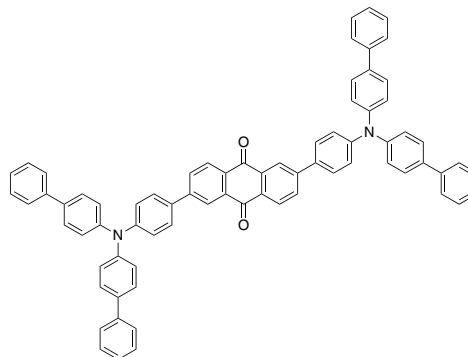


LT-N7015 | BBPA-Ph-AQ

NEW

2,6-Bis(4-[bis(biphenyl-4-yl)amino]phenyl)anthraquinone

CAS No. :1640978-34-2
 Grade :Sublimed >99%
 Formula :C₇₄H₅₀N₂O₂
 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

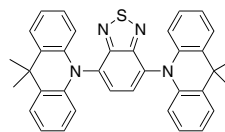


LT-N7016 | BTZ-DMAC

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 :C₃₆H₃₀N₄S
 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

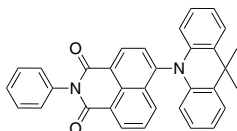


Red Dopant

LT-N7017 | 6AcBIQ NEW

6-(9,9-Dimethylacrididin-10(9H)-yl)-2-phenyl-1H-benzo[de]isoquinoline-1,3(2H)-dione

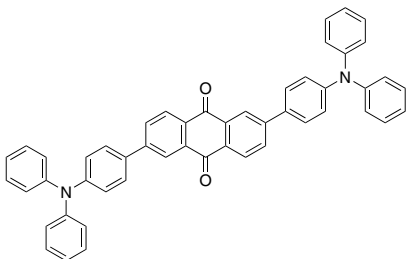
CAS No.	:2124222-77-9
Grade	:>98%
Formula	:C ₃₃ H ₂₄ N ₂ O ₂
M.W.	:480.56 g/mole
HOMO	:-5.89 eV
LUMO	:-3.89 eV
ΔEST	:0.08 eV



LT-N7019 | DPA-Ph-AQ NEW

2,6-Bis(4-(diphenylamino)phenyl)anthracene-9,10-dione

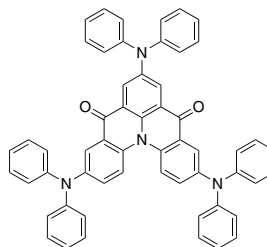
CAS No.	:1640978-33-1
Grade	:Sublimed >99%
Formula	:C ₅₀ H ₃₄ N ₂ O ₂
M.W.	:694.82 g/mole
UV	:454 nm (in Toluene)
PL	:597 nm (in Toluene)
HOMO	:-5.9 eV
LUMO	:-3.6 eV
ΔEST	:0.24 eV



LT-N7028 | 3DPA-DiKTA NEW

3,7,11-Tris(diphenylamino)quinolino[3,2,1-de]acridine-5,9-dione

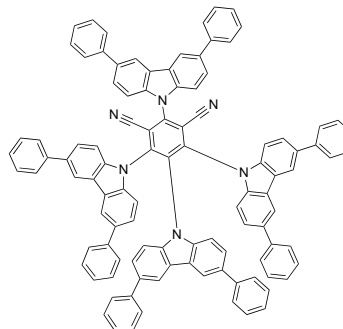
Grade	:>98%
Formula	:C ₅₆ H ₃₈ N ₄ O ₂
M.W.	:798.93 g/mole
PL	:617 nm (film)
HOMO	:-5.13 eV
LUMO	:-3.01 eV
ΔEST	:0.2 eV



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 ₁₀₄ H ₆₄ N ₆
M.W.	:1397.66 g/mole

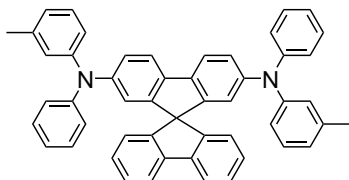


Hole Transport Layer (HTL) / Hole Injection Layer (HIL)

LT-E105 | Spiro-TPD

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

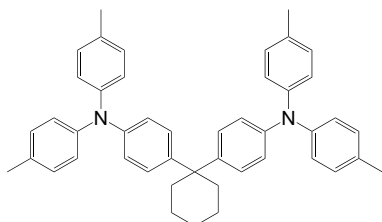
CAS No. :1033035-83-4
 Grade :Sublimed >99%
 Formula :C₅₁H₃₈N₂
 M.W. :678.86 g/mole
 UV :379 nm (in THF)
 PL :416 nm (in THF)
 TGA :>280 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N137 | TAPC

Di-[4-(N,N-di-p-to ly l-amino)-phenyl]cyclohexane

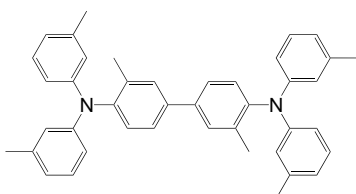
CAS No. :58473-78-2
 Grade :Sublimed >99.5%
 Formula :C₄₆H₄₆N₂
 M.W. :626.87 g/mole
 UV :305 nm (in THF)
 PL :414 nm (in THF)
 TGA :>290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N140 | HMTDP

N,N,N',N'-Tetra- (3-methyl phenyl)-3,3'-dimethylbenzidine

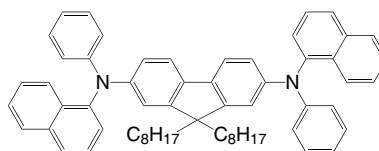
CAS No. :105465-14-3
 Grade :Sublimed >99%
 Formula :C₄₂H₄₀N₂
 M.W. :572.78 g/mole
 UV :302 nm (in THF)
 PL :399 nm (in THF)
 TGA :>240 °C (0.5% weight loss)



LT-N154 | DOF I-NPB

N₂,N₇-Di (naphthalen-1-yl)-9,9-dioctyl I-N₂,N₇-diphenyl I-9H-fluorene-2,7-diamine

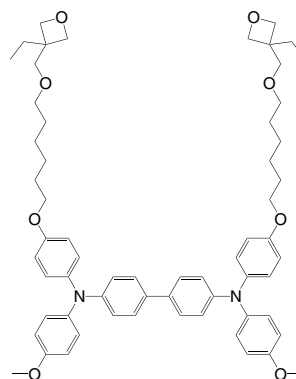
CAS No. :870197-09-4
 Grade :>99%
 Formula :C₆₁H₆₄N₂
 M.W. :825.17 g/mole
 UV :382 nm (in THF)
 PL :460 nm (in THF)
 TGA :>250 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N160 | QUPD

N₂,N₄'-Bis (4- (6- ((3-ethoxyloxtan-3-yl)methoxy)hexyloxy)phenyl)-N₄,N₄'-bis (4-methoxyphenyl)biphenyl I-4,4'-diamine

CAS No. :864130-79-0
 Grade :>99%
 Formula :C₆₂H₇₆N₂O₈
 M.W. :945.28 g/mole
 UV :353 nm (in CH₂Cl₂)
 PL :439 nm (in CH₂Cl₂)
 Solvent :Toluene, Chloroform

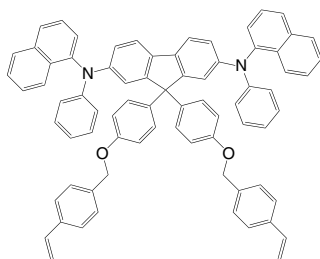


Hole Transport Layer (HTL) / Hole Injection Layer (HIL)

LT-N164 | VB-FNPD

9,9-Bis[4-(4-etheny lpheny l)methoxy]pheny l]-N₂,N₇-di-1-naphtha leny l-N₂,N₇-dipheny l-9H-F luorene-2,7-diamine

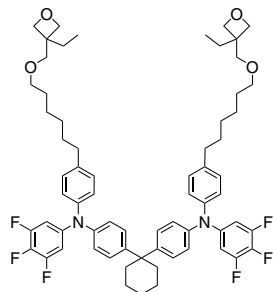
CAS No. :1173170-48-3
 Grade :>95%
 Formula :C₇₅H₅₆N₂O₂
 M.W. :1017.26 g/mole
 UV :354, 378 nm (in CH₂Cl₂)
 PL :489 nm (in CH₂Cl₂)
 Solvent :Toluene, Chloroform



LT-N165 | X-F6-TAPC

N,N'-(4,4'-(Cyclohexane-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)

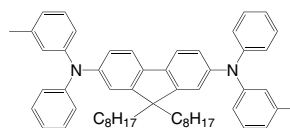
CAS No. :1422952-06-4
 Grade :>99%
 Formula :C₆₄H₇₂F₆N₂O₄
 M.W. :1239.36 g/mole
 UV :300 nm (in CH₂Cl₂)
 Solvent :Toluene, Chloroform



LT-N155 | DOF I-TPD

N,N'-Bis (3-methy lpheny l)-N,N'-bis (pheny l)-9,9-diocty l f luorene

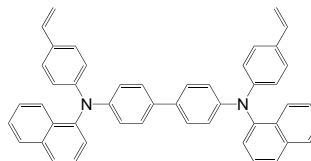
CAS No. :439942-97-9
 Grade :>99%
 Formula :C₅₅H₆₄N₂
 M.W. :753.11 g/mole
 UV :376 nm (in THF)
 PL :401 nm (in THF)
 TGA :>250 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N157 | VNPB

N₂,N₄'-Di (naphtha len-1-y l)-N₂,N₄'-bis (4-viny lpheny l) bipheny l-4,4'-diamine

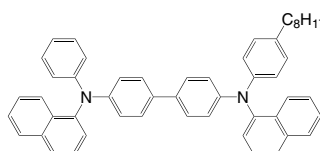
CAS No. :1010396-31-2
 Grade :>98%
 Formula :C₄₈H₃₆N₂
 M.W. :640.81 g/mole
 UV :359 nm (in THF)
 PL :450 nm (in THF)
 Solvent :Toluene, Chloroform



LT-N158 | ONPB

N₂,N₄'-Di (naphtha len-1-y l)-N₂-(4-octy lpheny l)-N₄'-pheny l bipheny l-4,4'-diamine

CAS No. :1431521-16-2
 Grade :>99%
 Formula :C₅₂H₄₈N₂
 M.W. :700.95 g/mole
 UV :347 nm (film)
 PL :439 nm (film)
 TGA :>300 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform

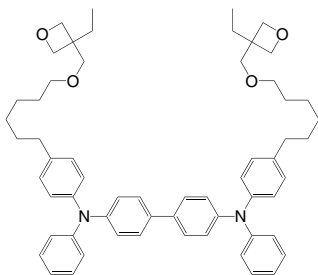


Hole Transport Layer (HTL) / Hole Injection Layer (HIL)

LT-N159 | OTPD

N,N_4,N_4' -Bis (4- (6- (3-ethyloxetan-3-y l)methoxy)hexy l)pheny l)- N_4,N_4' -dipheny lbipheny l-4,4'-diamine

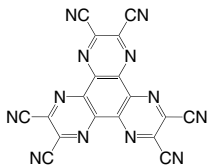
CAS No. :746634-00-4
 Grade :>99%
 Formula : $C_{60}H_{72}N_2O_4$
 M.W. :885.22 g/mole
 UV :308, 353 nm (in CH_2Cl_2)
 PL :410 nm (in CH_2Cl_2)
 Solvent :Toluene, Chloroform



LT-N221 | HAT-CN

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

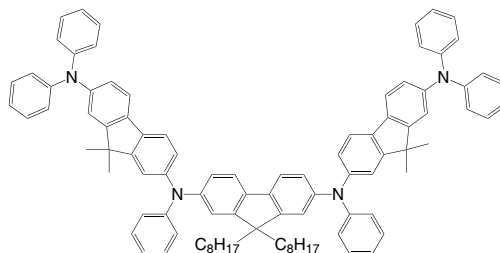
CAS No. :105598-27-4
 Grade :Sublimed >99%
 Formula : $C_{18}N_{12}$
 M.W. :384.27 g/mole
 UV :282, 321 nm (in CH_2Cl_2)
 PL :422 nm (in CH_2Cl_2)
 TGA :>400 °C (0.5% weight loss)
 Solvent :2-Propanone



LT-N260 | 3FTPD-C8

N_2,N_2' - (9,9-Diocty l-9H-f luorene-2,7-diy l)bis (9,9-dimethy l- N_2,N_7,N_7' -tripheny l-9H-f luorene-2,7-diamine

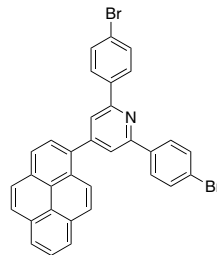
Grade :>97%
 Formula : $C_{95}H_{94}N_4$
 M.W. :1291.79 g/mole
 UV :378 nm (in CH_2Cl_2)
 PL :426 nm (in CH_2Cl_2)
 Solvent :Toluene, Chloroform



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

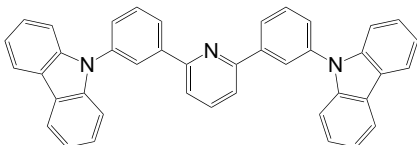


Phosphorescent Host

LT-N491 | 26DCzPPy

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

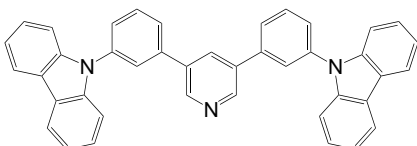
CAS No. :1013405-24-7
 Grade :Sublimed >99%
 Formula :C₄₁H₂₇N₃
 M.W. :561.67 g/mole
 UV :239, 292 nm (in CH₂Cl₂)
 PL :410 nm (in CH₂Cl₂)
 TGA :>370 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N494 | 35DCzPPy

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

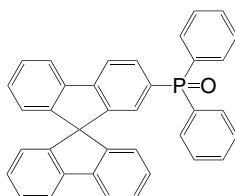
CAS No. :1013405-25-8
 Grade :Sublimed >99%
 Formula :C₄₁H₂₇N₃
 M.W. :561.67 g/mole
 UV :307, 317 nm (in CH₂Cl₂)
 PL :347 nm (in CH₂Cl₂)
 TGA :>290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N496 | SPPO1

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

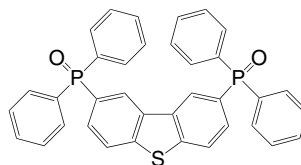
CAS No. :1125547-88-7
 Grade :Sublimed >99%
 Formula :C₃₇H₂₅OP
 M.W. :516.57 g/mole
 UV :307, 317 nm (in CH₂Cl₂)
 PL :346 nm (in CH₂Cl₂)
 TGA :>290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N4006 | PPT

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

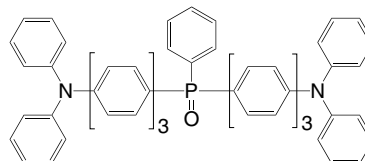
CAS No. :1019842-99-9
 Grade :Sublimed >99%
 Formula :C₃₆H₂₆O₂P₂S
 M.W. :584.60 g/mole
 UV :315, 328 nm (in CH₂Cl₂)
 PL :351 nm (in CH₂Cl₂)
 TGA :>320 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



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 :C₇₄H₅₃N₂OP
 M.W. :1017.20 g/mole
 UV :349 nm (in CH₂Cl₂)
 PL :466 nm (in CH₂Cl₂)
 TGA :>320 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform

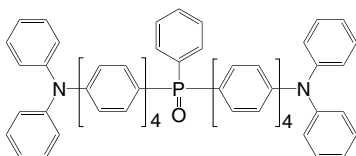


Phosphorescent Host

LT-N4036 | NP4PPO

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

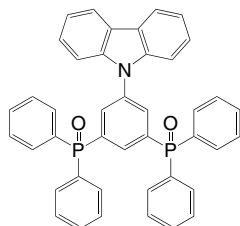
CAS No. :1415633-87-2
 Grade :>98%
 Formula :C₈₆H₆₁N₂OP
 M.W. :1169.39 g/mole
 UV :347 nm (in CH₂Cl₂)
 PL :471 nm (in CH₂Cl₂)
 TGA :>450 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N4039 | CzPO2

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

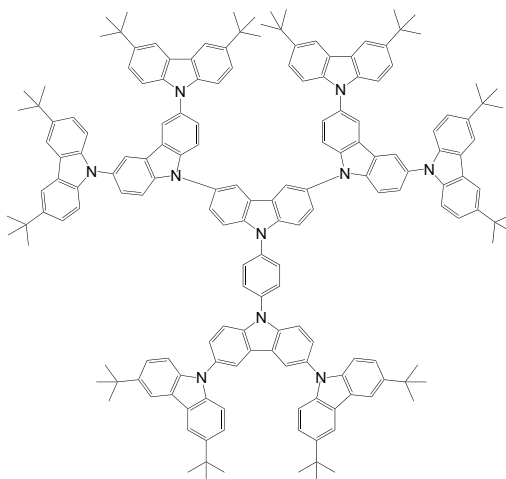
CAS No. :1256573-07-5
 Grade :Sublimed >99%
 Formula :C₄₂H₃₁NO₂P₂
 M.W. :643.65 g/mole
 UV :291 nm (in CH₂Cl₂)
 PL :426 nm (in CH₂Cl₂)
 TGA :>270 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N4041 | G3-tCz

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

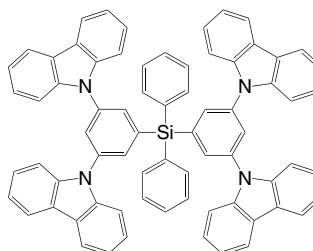
CAS No. :1025079-68-8
 Grade :>98%
 Formula :C₁₇₄H₁₇₂N₁₀
 M.W. :2403.29 g/mole
 UV :244, 349 nm (in CH₂Cl₂)
 PL :402 nm (in CH₂Cl₂)
 Solvent :Toluene, Chloroform



LT-N4009 | SiMCP2

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

CAS No. :944465-42-3
 Grade :Sublimed >99%
 Formula :C₇₂H₄₈N₄Si
 M.W. :977.26 g/mole
 UV :324, 338 nm (in CH₂Cl₂)
 PL :362 nm (in CH₂Cl₂)
 TGA :>380 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform

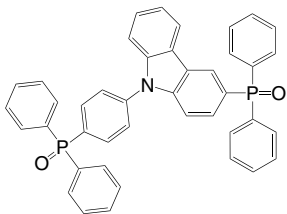


Phosphorescent Host

LT-N4011 | PPO21

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

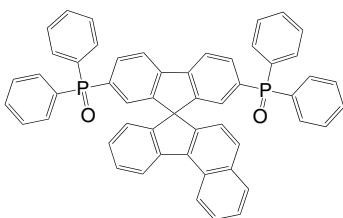
CAS No.	:1226860-68-9
Grade	:Sublimed >99%
Formula	: $C_{42}H_{31}NO_2P_2$
M.W.	:643.65 g/mole
UV	:294, 338 nm (in CH_2Cl_2)
PL	:361 nm (in THF)
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4029 | SPPO21

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

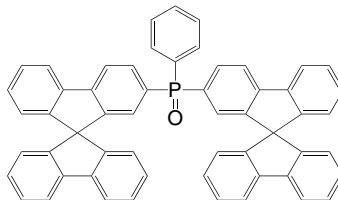
CAS No.	:1270960-64-9
Grade	:Sublimed >99%
Formula	: $C_{53}H_{36}O_2P_2$
M.W.	:766.8 g/mole
UV	:287 nm (in CH_2Cl_2)
PL	:419 nm (in CH_2Cl_2)
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4034 | Dspiro-PO

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

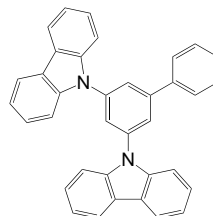
CAS No.	:824426-27-9
Grade	:Sublimed >99%
Formula	: $C_{56}H_{35}OP$
M.W.	:754.85 g/mole
UV	:275 nm (film)
PL	:365 nm (film)
TGA	:>350 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



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

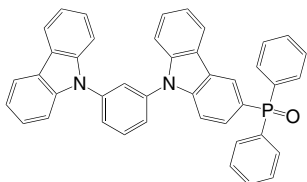


Phosphorescent Host

LT-N4047 | mCPPO1

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

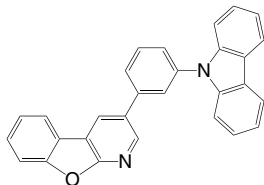
CAS No.	:1296229-26-9
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₉ N ₂ OP
M.W.	:608.67 g/mole
UV	:324, 338 nm (in CH ₂ Cl ₂)
PL	:361 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4057 | PCz-BFP

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

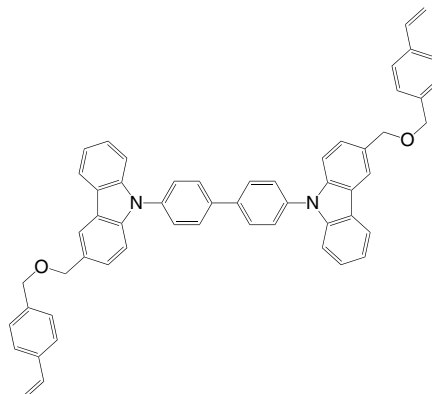
CAS No.	:1424369-36-7
Grade	:Sublimed >99%
Formula	:C ₂₉ H ₁₈ N ₂ O
M.W.	:410.47 g/mole
UV	:241, 293 nm (in CH ₂ Cl ₂)
PL	:364 nm (in CH ₂ Cl ₂)
TGA	:>270 °C (0.5% weight loss)
Solvent	:1,2-dichloroethane, CHCl ₃



LT-N4063 | DV-CBP

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

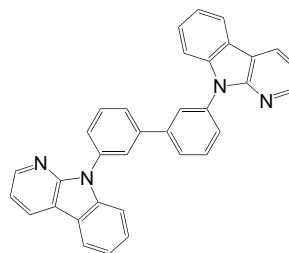
CAS No.	:1428901-78-3
Grade	:>99%
Formula	:C ₅₆ H ₄₄ N ₂ O ₂
M.W.	:776.96 g/mole
UV	:246, 295 nm (in CH ₂ Cl ₂)
PL	:381 nm (in CH ₂ Cl ₂)
Solvent	:1,2-dichloroethane, CHCl ₃



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 ₃₄ H ₂₂ N ₄
M.W.	:486.57 g/mole
UV	:240, 297 nm (in THF)
PL	:382 nm (in THF)

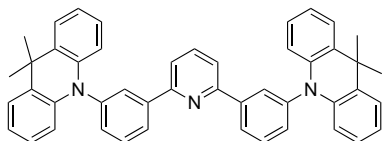


Phosphorescent Host

LT-N4208 | DDMACPy

2,6-Bis(3-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyridine

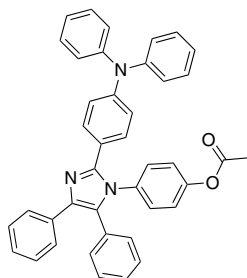
CAS No. :2924013-34-1
 Grade :Sublimed >99%
 Formula :C₄₇H₃₉N₃
 M.W. :645.31 g/mole
 PL :429 nm (film)
 HOMO :-5.50 eV
 LUMO :-2.95 eV



LT-N4209 | DT318

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

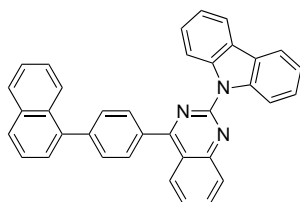
Grade :Sublimed >99%
 Formula :C₄₁H₃₁N₃O₂
 M.W. :597.70 g/mole
 PL :415 nm (film)
 HOMO :-5.14 eV
 LUMO :-1.32 eV



LT-N4211 | NP-QC

9-(4-(4-(Naphthalen-1-yl)phenyl)quinazolin-2-yl)-9H-carbazole

Grade :Sublimed >99%
 Formula :C₃₆H₂₃N₃
 M.W. :497.59 g/mole
 HOMO :-5.6 eV
 LUMO :-2.6 eV

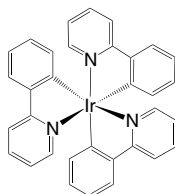


Phosphorescent Dopant

LT-E504 | fac-Ir(ppy)3

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

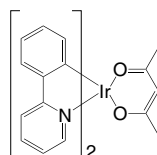
CAS No.	:94928-86-6
Grade	:Sublimed >99%
Formula	:C ₃₃ H ₂₄ IrN ₃
M.W.	:654.78 g/mole
UV	:282, 377 nm (in THF)
PL	:513 nm (in THF)
TGA	:> 300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E505 | Ir(ppy)2(acac)

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

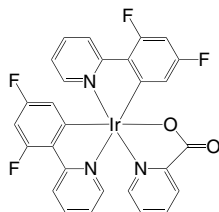
CAS No.	:337526-85-9
Grade	:Sublimed >99%
Formula	:C ₂₇ H ₂₃ IrN ₂ O ₂
M.W.	:599.70 g/mole
UV	:259 nm (in THF)
PL	:524 nm (in THF)
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E607 | FlrPic

Bis[2-(4,6-difluorophenyl)pyridinato-C₂N](picolinato)iridium(III)

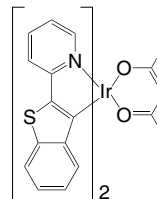
CAS No.	:376367-93-0
Grade	:>99%
Formula	:C ₂₈ H ₁₆ F ₄ IrN ₃ O ₂
M.W.	:694.66 g/mole
UV	:258 nm (in THF)
PL	:472 nm (in THF)
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



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

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

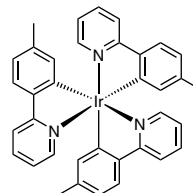
CAS No.	:343978-79-0
Grade	:Sublimed >99%
Formula	:C ₃₁ H ₂₃ IrN ₂ O ₂ S ₂
M.W.	:711.87 g/mole
UV	:283 nm (in THF)
PL	:615 nm (in THF)
TGA	:> 310 °C (0.5% weight loss)



LT-N506 | Ir(mppy)3

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

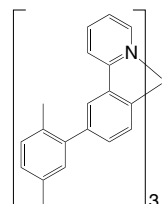
CAS No.	:149005-33-4
Grade	:Sublimed >99%
Formula	:C ₃₆ H ₃₀ IrN ₃
M.W.	:696.86 g/mole
UV	:287, 373 nm (in CH ₂ Cl ₂)
PL	:514 nm (in CH ₂ Cl ₂)
TGA	:> 330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N522 | TEG

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

CAS No.	:1338784-40-9
Grade	>99%
Formula	:C ₅₇ H ₄₈ IrN ₃
M.W.	:967.3 g/mole
UV	:400 nm (film)
PL	:539 nm (film)
TGA	:> 250 °C (0.5% weight loss)
Solvent	:Chloroform

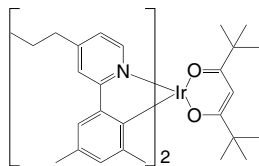


Phosphorescent Dopant

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

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

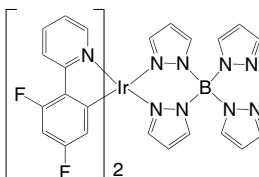
CAS No.	:2050041-60-4
Grade	:Sublimed >99%
Formula	:C ₄₃ H ₅₅ IrN ₂ O ₂
M.W.	:824.14 g/mole
UV	:263, 373, 441 nm (in CHCl ₃)
PL	:532 nm (in CHCl ₃)
HOMO	:-5.1 eV
LUMO	:-2.77 eV



LT-N620 | Flr6

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

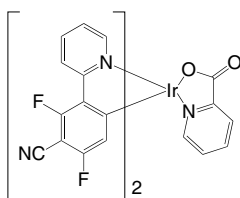
CAS No.	:664374-03-2
Grade	:>99%
Formula	:C ₃₄ H ₂₄ BF ₄ IrN ₁₀
M.W.	:851.65 g/mole
UV	:367 nm (in THF)
PL	:461 nm (in THF)
TGA	:>280 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N664 | FCNIrPic

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

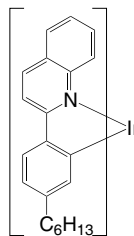
CAS No.	:665005-28-7
Grade	:>99%
Formula	:C ₃₀ H ₁₄ F ₄ IrN ₅ O ₂
M.W.	:744.68 g/mole
UV	:249, 281 nm (in CH ₂ Cl ₂)
PL	:463 nm (in CH ₂ Cl ₂)
TGA	:>300 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N741 | Hex-Ir(phq)3

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

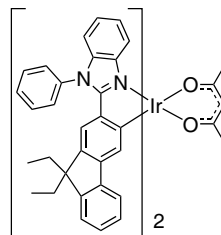
CAS No.	:1268460-37-2
Grade	:>99%
Formula	:C ₆₃ H ₆₆ IrN ₃
M.W.	:1057.43 g/mole
UV	:323 nm (in CH ₂ Cl ₂)
PL	:583 nm (in CH ₂ Cl ₂)
TGA	:>250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



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 ₆₅ H ₅₇ IrN ₄ O ₂
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

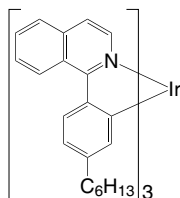


Phosphorescent Dopant

LT-N754 | Hex-Ir(piq)3

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

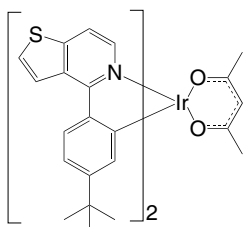
CAS No. :1240249-29-9
 Grade :>99%
 Formula : $C_{63}H_{66}IrN_3$
 M.W. :1057.43 g/mole
 UV :325 nm (in CH_2Cl_2)
 PL :617 nm (in CH_2Cl_2)
 TGA :>250 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N758 | PO-01-TB

Iridium(III) bis(4-(4-tert-butylphenyl)thieno[3,2-c]-pyridinato-N,C₂')acetylacetonate

CAS No. :1267497-10-8
 Grade :>99%
 Formula : $C_{39}H_{39}IrN_2O_2S_2$
 M.W. :824.21 g/mole
 UV :448 nm (in CH_2Cl_2)
 PL :562 nm (in CH_2Cl_2)
 TGA :>250 °C (0.5% weight loss)

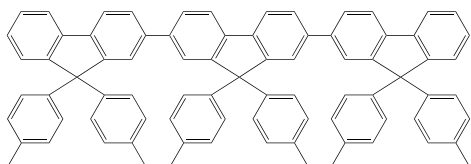


Fluorescent Host

LT-E408 | TDAF

2,7-Bis[9,9-di(4-methylphenyl)-fluoren-2-yl]-9,9-di(4-methylphenyl)fluorene

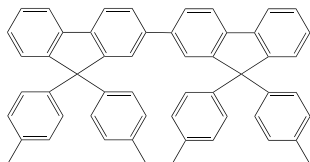
CAS No.	:474918-42-8
Grade	:Sublimed >98%
Formula	:C ₈₁ H ₆₂
M.W.	:1035.36 g/mole
UV	:353 nm (in THF)
PL	:397, 419 nm (in THF)
TGA	:>370 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-E413 | BDAF

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

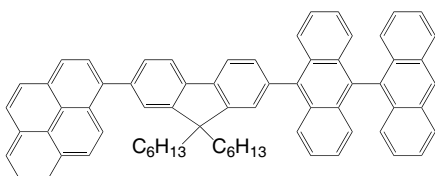
CAS No.	:854046-47-2
Grade	:Sublimed >97%
Formula	:C ₅₄ H ₄₂
M.W.	:690.91 g/mole
UV	:333 nm (in THF)
PL	:386 nm (in THF)
TGA	:>310 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N4005 | DAnF6Pye

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

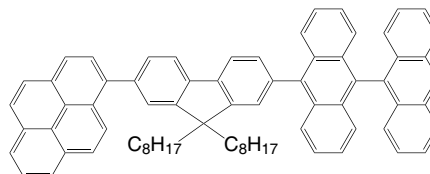
CAS No.	:1705571-71-6
Grade	:>99%
Formula	:C ₆₉ H ₅₈
M.W.	:877.20 g/mole
UV	:358 nm (in CH ₂ Cl ₂)
PL	:437 nm (in CH ₂ Cl ₂)
Solvent	:Toluene, Chloroform



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 ₇₃ H ₆₆
M.W.	:943.31 g/mole
UV	:257, 356 nm (in CH ₂ Cl ₂)
PL	:440 nm (in CH ₂ Cl ₂)
TGA	:>330 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform

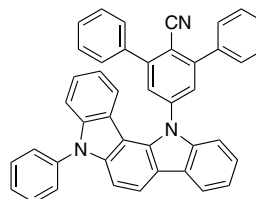


LT-N4242 | 3phCN-ICz

NEW

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

Grade	:Sublimed >99%
Formula	:C ₄₃ H ₂₇ N ₃
M.W.	:585.69 g/mole
UV	:362 nm (in Toluene)
PL	:437 nm (in Toluene)
HOMO	:-5.52 eV
LUMO	:-2.2 eV

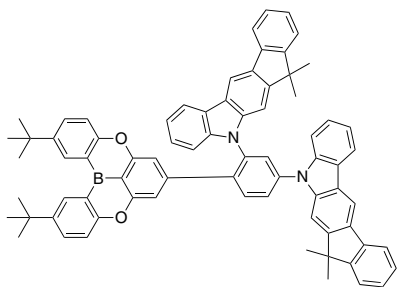


Fluorescent Host

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)

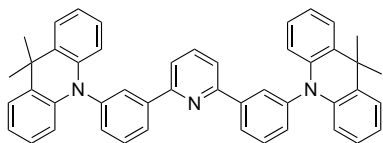
CAS No. :2657707-20-3
 Grade :>99%
 Formula :C₇₄H₆₁BN₂O₂
 M.W. :1021.10 g/mole
 PL :407 nm (in Toluene)
 HOMO :-5.48 eV
 LUMO :-2.48 eV
 ΔEST :0.18 eV



LT-N4208 | DDMACPy

2,6-Bis(3-(9,9-dimethylacridin-10(9H)-yl)phenyl)pyridine

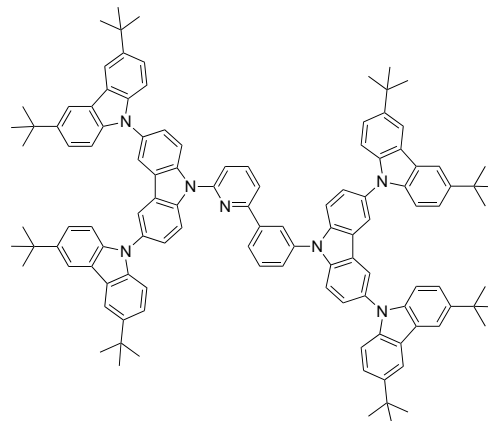
CAS No. :2924013-34-1
 Grade :Sublimed >99%
 Formula :C₄₇H₃₉N₃
 M.W. :645.31 g/mole
 PL :429 nm (film)
 HOMO :-5.50 eV
 LUMO :-2.95 eV



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

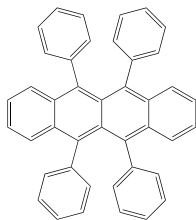
Grade :Sublimed >99%
 Formula :C₁₁₅H₁₁₅N₇
 M.W. :1595.19 g/mole
 PL :425 nm (film)
 HOMO :-5.04 eV
 LUMO :-1.82 eV
 ΔEST :0.48 eV



LT-E707 | Rubrene

5,6,11,12-Tetraphenylnaphthalene

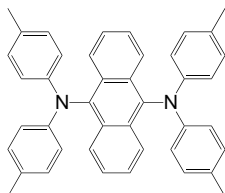
CAS No.	:517-51-1
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₂₈
M.W.	:532.67 g/mole
UV	:299 nm (in THF)
PL	:553 nm (in THF)
TGA	:> 250 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N507 | TTPA

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

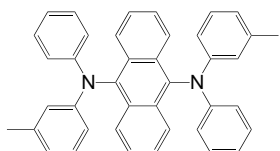
CAS No.	:177799-16-5
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₆ N ₂
M.W.	:568.75 g/mole
UV	:294, 471 nm (in CH ₂ Cl ₂)
PL	:554 nm (in CH ₂ Cl ₂)
TGA	:> 280 °C (0.5% weight loss)



LT-N508 | TPA

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

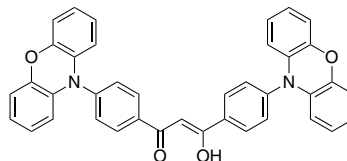
CAS No.	:189263-81-8
Grade	:Sublimed >98%
Formula	:C ₄₀ H ₃₂ N ₂
M.W.	:540.70 g/mole
UV	:292, 458 nm (in CH ₂ Cl ₂)
PL	:532 nm (in CH ₂ Cl ₂)
TGA	:> 270 °C (0.5% weight loss)
Solvent	:Toluene, Chloroform



LT-N580 | PXZPDO

1,3-Bis(4-(10H-phenoxazin-10-yl)phenyl)-3-hydroxyprop-2-en-1-one

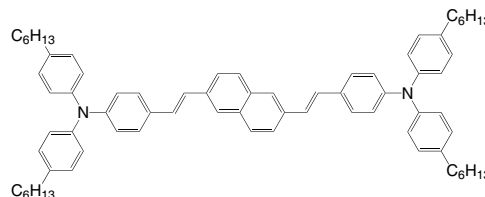
CAS No.	:2168560-84-5
Grade	:Sublimed >99%
Formula	:C ₃₉ H ₂₆ N ₂ O ₄
M.W.	:586.63 g/mole
PL	:604 nm (in Toluene)
HOMO	: -5.13 eV
LUMO	: -2.70 eV
ΔEST	: 0.04 eV



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)

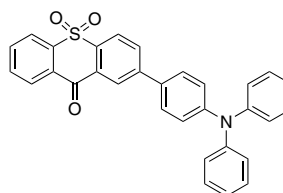
CAS No.	:1258522-36-9
Grade	:>99%
Formula	:C ₇₄ H ₈₆ N ₂
M.W.	:1003.49 g/mole
UV	:303, 418 nm (in CH ₂ Cl ₂)
PL	:502 nm (in CH ₂ Cl ₂)
Solvent	:Toluene, Chloroform



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 ₃₁ H ₂₁ NO ₃ 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

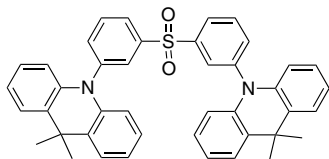


Fluorescent Dopant

LT-N6044 | m-ACSO2

10,10'-(Sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

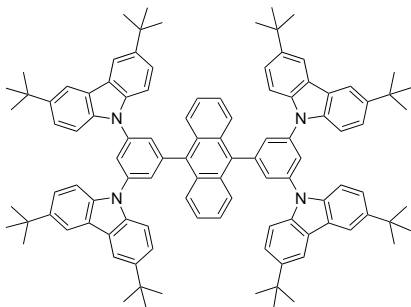
CAS No.	:1477512-43-8
Grade	:Sublimed >99%
Formula	:C ₄₂ H ₃₆ N ₂ O ₂ S
M.W.	:632.81 g/mole
PL	:473 nm (film)
HOMO	:-5.36 eV
LUMO	:-2.26 eV
ΔEST	:0.07 eV



LT-N6072 | C-A-C

9,10-Bis(3,5-bis(3,6-di-tert-butylcarbazol-9-yl)-phenyl)anthracene

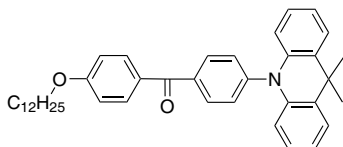
CAS No.	:2639316-97-3
Grade	:Sublimed >98%
Formula	:C ₁₀₆ H ₁₁₀ N ₄
M.W.	:1440.03 g/mole
PL	:432 nm (film)
HOMO	:-5.90 eV
LUMO	:-2.96 eV



LT-N6073 | M1

4-(2-(4-(Diphenylamino)phenyl)-4,5-diphenyl-1H-imidazol-1-yl)phenyl acetate

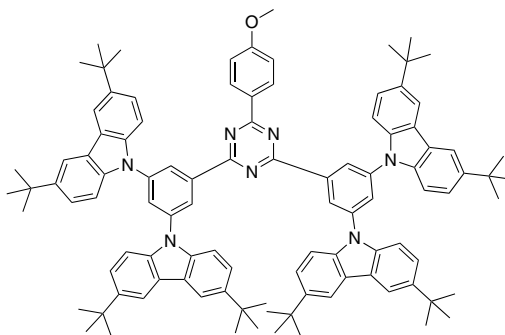
Grade	:Sublimed >99%
Formula	:C ₄₀ H ₄₇ NO ₂
M.W.	:573.81 g/mole
PL	:488 nm (film)
HOMO	:-4.93 eV
LUMO	:-1.73 eV
ΔEST	:0.038 eV



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 ₁₀₂ H ₁₀₉ N ₇ O
M.W.	:1449 g/mole
PL	:469 nm (in Toluene)
HOMO	:-6.03 eV
LUMO	:-3.41 eV

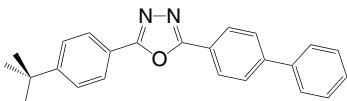


Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-E303 | PBD

2-(4-Biphenyl)-5-(4-tert-butylphenyl)-134-oxadiazole

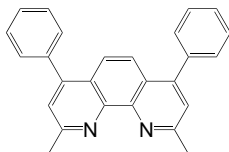
CAS No. :15082-28-7
 Grade :Sublimed >99%
 Formula :C₂₄H₂₂N₂O
 M.W. :354.44 g/mole
 UV :305 nm (in THF)
 PL :380 nm (in THF)
 Solvent :Toluene, Chloroform



LT-E304 | BCP

29-Dimethyl-47-diphenyl-110-phenanthroline

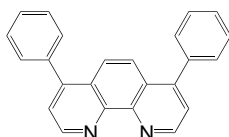
CAS No. :4733-39-5
 Grade :Sublimed >99%
 Formula :C₂₆H₂₀N₂
 M.W. :360.45 g/mole
 UV :277 nm (in THF)
 PL :386 nm (in THF)
 TGA :>240 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-E305 | Bphen

47-Diphenyl-110-phenanthroline

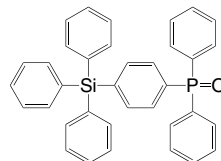
CAS No. :1662-01-7
 Grade :Sublimed >99.5%
 Formula :C₂₄H₁₆N₂
 M.W. :332.4 g/mole
 UV :272 nm (in THF)
 PL :379 nm (in THF)
 Solvent :Toluene, Chloroform



LT-N4048 | TSPO1

Diphenyl-4-triphenylsilylphenyl-phosphine oxide

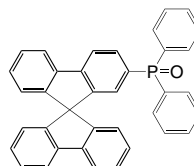
CAS No. :1286708-86-8
 Grade :Sublimed >99%
 Formula :C₃₆H₂₉OPSi
 M.W. :536.67 g/mole
 UV :266 nm (in CH₂Cl₂)
 PL :298 nm (in CH₂Cl₂)
 TGA :>300 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N496 | SPPO1

99-Spirobifluoren-2-yl-diphenyl-phosphine oxide

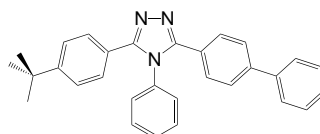
CAS No. :1125547-88-7
 Grade :Sublimed >99%
 Formula :C₃₇H₂₅OP
 M.W. :516.57 g/mole
 UV :307, 317 nm (in CH₂Cl₂)
 PL :346 nm (in CH₂Cl₂)
 TGA :>290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N836 | TAZ

3-(4-Biphenyl)-4-phenyl-5-tert-butylphenyl-124-triazole

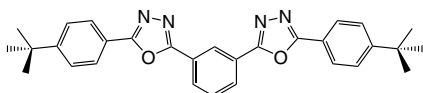
CAS No. :150405-69-9
 Grade :Sublimed >99%
 Formula :C₃₀H₂₇N₃
 M.W. :429.56 g/mole
 UV :290 nm (in THF)
 PL :370 nm (in THF)
 TGA :>250 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N855 | OXD-7

13-Bis[2-(4-tert-butylphenyl)-134-oxadiazole-5-yl]benzene

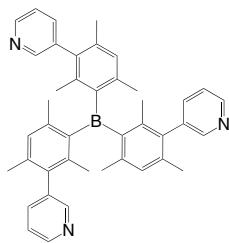
CAS No. :138372-67-5
 Grade :Sublimed >99%
 Formula :C₃₀H₃₀N₄O₂
 M.W. :478.58 g/mole
 UV :292 nm (in THF)
 PL :347 nm (in THF)
 TGA :> 290 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N856 | 3TPYMB

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

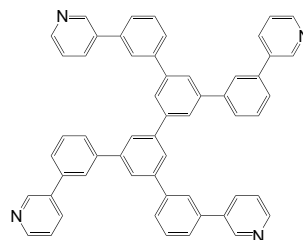
CAS No. :929203-02-1
 Grade :Sublimed >99%
 Formula :C₄₂H₄₂BN₃
 M.W. :599.61 g/mole
 UV :331 nm (in THF)
 PL :382 nm (in THF)
 TGA :> 230 °C (0.5% weight loss)
 Solvent :Toluene, Chloroform



LT-N862 | BP4mPy

3,3'-5,5'-Tetra[(m-pyridyl)-phen-3-yl]biphenyl

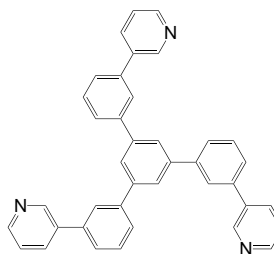
CAS No. :1009033-94-6
 Grade :Sublimed >99%
 Formula :C₅₆H₃₈N₄
 M.W. :766.93 g/mole
 UV :253 nm (in THF)
 PL :352 nm (in THF)
 TGA :> 370 °C (0.5% weight loss)



LT-N863 | TmPyPB

135-Tri[(3-pyridyl)-phen-3-yl]benzene

CAS No. :921205-03-0
 Grade :Sublimed >99.5%
 Formula :C₃₉H₂₇N₃
 M.W. :537.65 g/mole
 UV :254 nm (in CH₂Cl₂)
 PL :353 nm (in CH₂Cl₂)
 TGA :> 310 °C (0.5% weight loss)
 Solvent :Soluble in CH₂Cl₂, CHCl₃, Toluene

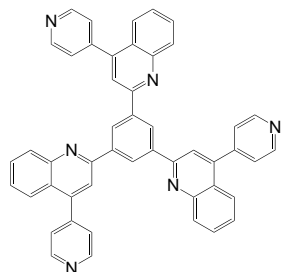


Electron Transport / Hole Blocking Layer (ETL / HBL)

LT-N879 | TPyQB

135-Tris(4-(pyridin-4-yl)quinolin-2-yl)benzene

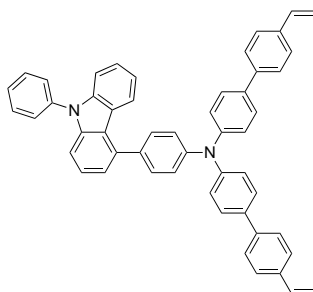
CAS No. :1350742-68-5
 Grade :Sublimed >99%
 Formula :C₄₈H₃₀N₆
 M.W. :690.79 g/mole
 PL :381 nm (in CH₂Cl₂)
 TGA :>400 °C (0.5% weight loss)



LT-N1014 | PbV

[4-(9-Phenyl-9H-carbazol-4-yl)-phenyl]-bis-(4'-vinyl-biphenyl-4-yl)amine

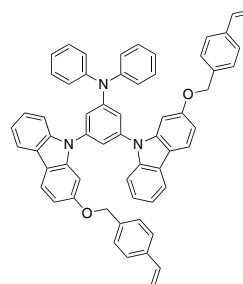
CAS No. :2669845-37-6
 Grade :>97%
 Formula :C₅₂H₃₈N₂
 M.W. :690.87 g/mole
 UV :293, 361 nm
 PL :416 nm
 HOMO :-5.90 eV
 LUMO :-2.50 eV



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 :C₆₀H₄₅N₃O₂
 M.W. :840.02 g/mole
 PL :373 nm (in Toluene)
 HOMO :-5.92 eV
 LUMO :-2.33 eV

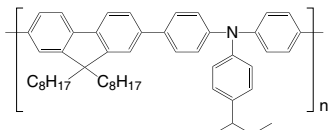


Hole Transport Layer (HTL)

LT-N148 | TFB

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

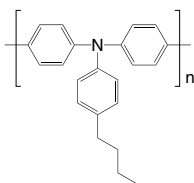
CAS No. :220797-16-0
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{51}H_{61}N)_n$
 UV :389 nm (in CH_2Cl_2)
 PL :443 nm (in CH_2Cl_2)
 Solvent :Soluble in CH_2Cl_2 , Toluene, $CHCl_3$



LT-N149 | Poly-TPD

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

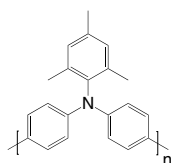
CAS No. :472960-35-3
 Grade :Mw =20,000~200,000 (GPC)
 Formula : $(C_{22}H_{21}N)_n$
 UV :371, 388 nm (in CH_2Cl_2)
 PL :424 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene



LT-N168 | PTAA

Poly[bis(4-phenyl)(2,4,6-trimethylphenyl)amine]

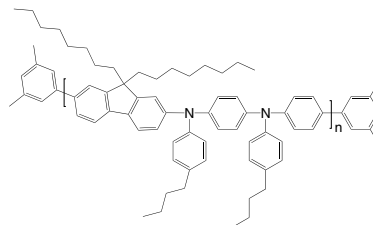
CAS No. :1333317-99-9
 Grade :Mw =20,000~100,000 (GPC)
 Formula : $(C_{21}H_{19}N)_n$
 UV :388 nm (in CH_2Cl_2)
 PL :424 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



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

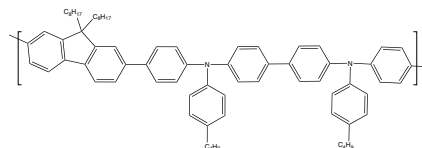
Grade :Mw >10,000 (GPC)
 Formula : $C_{16}H_{18}(C_{67}H_{78}N_2)_n$
 UV :380 nm (in THF)
 PL :494 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N170 | BFB

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(4-butylphenyl)-benzidine-N,N'-[1,4-diphenylene])]

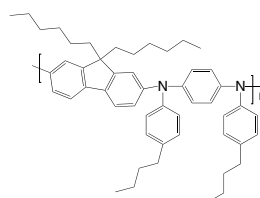
CAS No. :223569-32-2
 Grade :Mw >10,000 (GPC)
 Formula : $(C_{73}H_{82}N_2)_n$
 UV :380 nm (in THF)
 PL :435 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



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

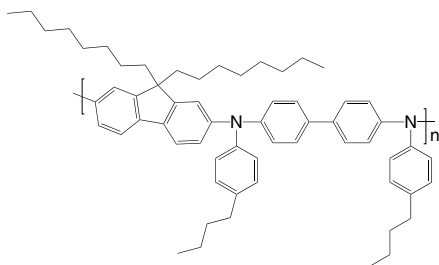


Hole Transport Layer (HTL)

LT-N172

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(N,N'-bis(p-butylphenyl)-1,1'-biphenylene-4,4'-diamine)]

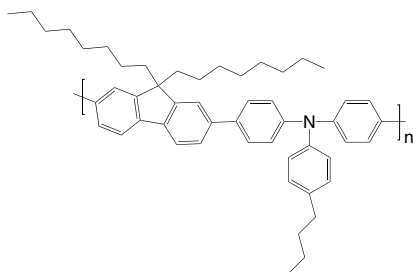
CAS No. :1115424-53-7
 Grade :Mw >10,000 (GPC)
 Formula : $(C_{61}H_{74}N_2)_n$
 UV :397 nm (in THF)
 PL :420 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N174

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

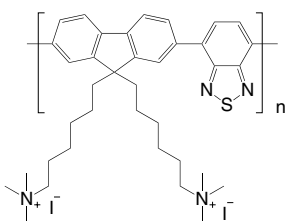
CAS No. :223569-31-1
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{51}H_{61}N)_n$
 UV :385 nm (in THF)
 PL :434 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



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

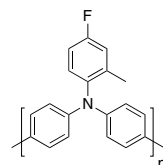


LT-N1021 1F-PTAA

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

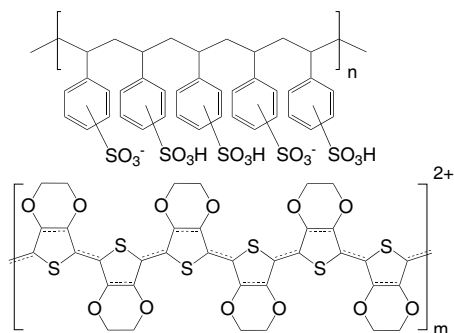
CAS No. : 155090-83-8
 Description : Aqueous dispersion, blue liquid.
 Sodium : Max. 400 ppm
 Sulfate : Max. 40 ppm
 Solid content: 1.3 - 1.7 wt%
 PSD d50 : 80 nm
 PSD d90 : 100 nm
 Resistivity : 500-5000 Ω cm
 Viscosity : 5-12 mPas

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!

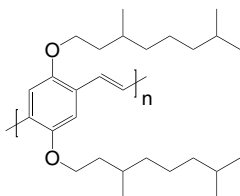


Emitting Layers

LT-A1001

Poly[2,5-bis(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene]

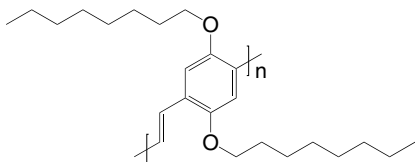
CAS No. :189012-99-5
 Grade :Mw >100,000 (GPC)
 Formula : $(C_{28}H_{46}O_2)_n$
 UV :480 nm (in Toluene)
 PL :548 nm (in Toluene)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1004

Poly[2,5-bis(octyloxy)-1,4-phenylenevinylene]

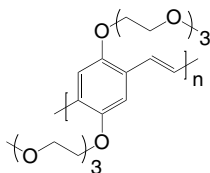
CAS No. :133069-19-9
 Grade :Mw >3,000 (GPC)
 Formula : $(C_{24}H_{38}O_2)_n$
 UV :477 nm (in CH_2Cl_2)
 PL :548 nm (in CH_2Cl_2)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1005 BTEM-PPV

Poly(2,5-bis(1,4,7,10-tetraoxaundecyl)-1,4-phenylenevinylene)

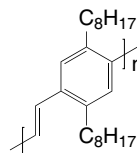
CAS No. :221244-49-1
 Grade :Mw >10,000 (GPC)
 Formula : $(C_{21}H_{32}O_8)_n$
 UV :491 nm (in THF)
 PL :549 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1006 POPPV

Poly(2,5-dioctyl-1,4-phenylenevinylene)

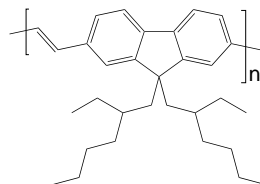
CAS No. :808735-22-0
 Grade :Mw >3,000 (GPC)
 Formula : $(C_{24}H_{38})_n$
 UV :403 nm (in CH_2Cl_2)
 PL :491 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1007

Poly(9,9-di(2-ethylhexyl)-9H-fluorene-2,7-vinylene)

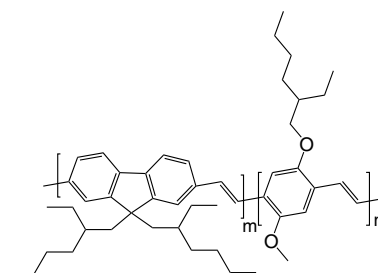
CAS No. :1019638-19-7
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{31}H_{42})_n$
 UV :280 nm (in CH_2Cl_2)
 PL :454 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



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

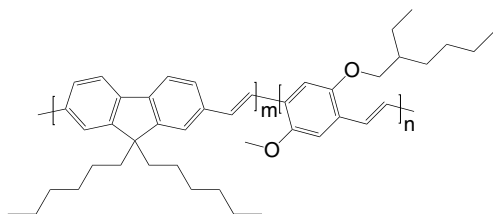


Emitting Layers

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)

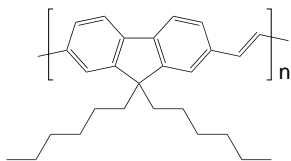
Grade :Mw >20,000 (GPC)
 Formula : $(C_{27}H_{34})_m(C_{17}H_{24}O_2)_n$
 UV :280 nm (in CH_2Cl_2)
 PL :500 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1010

Poly(9,9-di-n-hexylfluorenyl-2,7-vinylene)

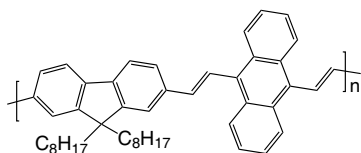
CAS No. :203927-82-6
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{27}H_{34})_n$
 UV :373 nm (in CH_2Cl_2)
 PL :454 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1011

Poly[(9,9-dioctyl-2,7-divinylene-fluorenylene)-alt-(9,10-anthracene)]

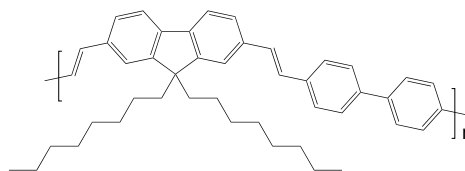
CAS No. :474975-19-4
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{47}H_{52})_n$
 UV :445 nm (in THF)
 PL :556 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1012

Poly[(9,9-dioctyl-2,7-divinylene-fluorenylene)-alt-(4,4'-biphenylene)]

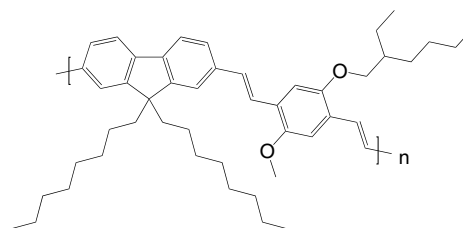
CAS No. :474975-20-7
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{45}H_{52})_n$
 UV :430 nm (in THF)
 PL :448 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1013 | PFPV

Poly[(9,9-dioctyl-2,7-divinylene-fluorenylene)-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

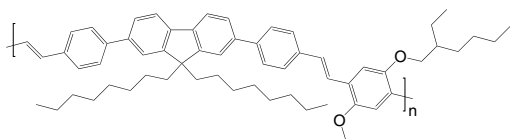


Emitting Layers

LT-A1014

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-diphenylenevinylene-2-methoxy-5-(2-ethylhexyloxy)-benzene)]

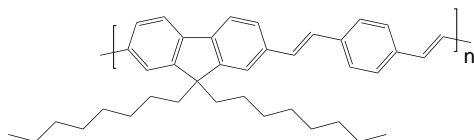
CAS No. :577705-37-4
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{60}H_{74}O_2)_n$
 UV :426 nm (in THF)
 PL :466 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1015

Poly[(9,9-dioctyl-2,7-divinylene fluorenylene)-alt-(1,4-phenylene)]

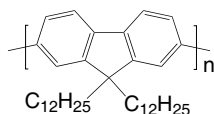
CAS No. :579505-60-5
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{39}H_{48})_n$
 UV :456 nm (in THF)
 PL :495 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1016 PFD

Poly(9,9-di-n-dodecylfluorenyl-2,7-diyl)

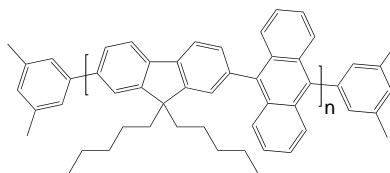
CAS No. :248256-53-3
 Grade :Mw >50,000 (GPC)
 Formula : $(C_{37}H_{56})_n$
 UV :369 nm (in CH_2Cl_2)
 PL :421 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1017 PFH-A-DMP

Poly[(9,9-dihexylfluoren-2,7-diyl)-co-(anthracen-9,10-diyl)] end capped with dimethylphenyl

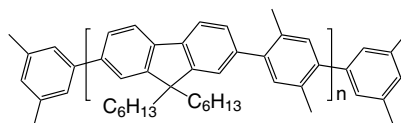
Grade :Mw >10,000 (GPC)
 Formula : $C_{16}H_{18}(C_{39}H_{40})_n$
 UV :375 nm (in CH_2Cl_2)
 PL :440 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1018 PF-DMB

Poly[(9,9-dihexylfluoren-2,7-diyl)-alt-(2,5-dimethyl-1,4-phenylene)] end capped with dimethylphenyl

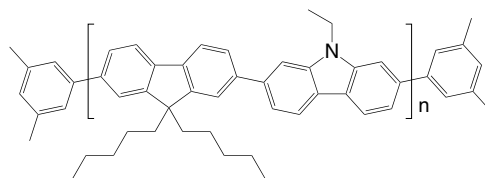
CAS No. :579505-48-9
 Grade :Mw >20,000 (GPC)
 Formula : $C_{16}H_{18}(C_{33}H_{40})_n$
 UV :330 nm (in CH_2Cl_2)
 PL :378 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1019 PFH-EC

Poly[(9,9-dihexylfluoren-2,7-diyl)-co-(9-ethylcarbazol-2,7-diyl)] end capped with dimethylphenyl

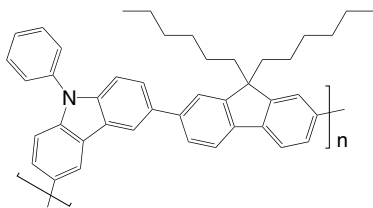
Grade :Mw >20,000 (GPC)
 Formula : $C_{16}H_{18}(C_{39}H_{43}N)_n$
 UV :374 nm (in CH_2Cl_2)
 PL :417 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



Emitting Layers

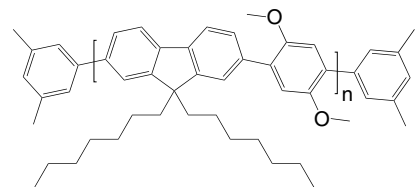
LT-A1020

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)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



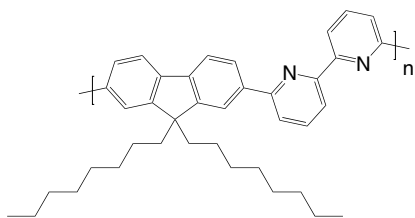
LT-A1021

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



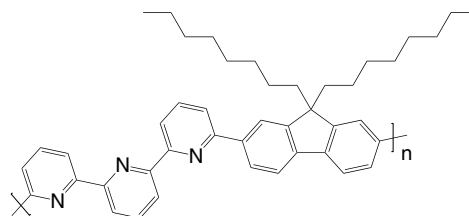
LT-A1023 PFO-BPy

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



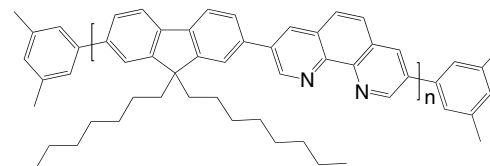
LT-A1024

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



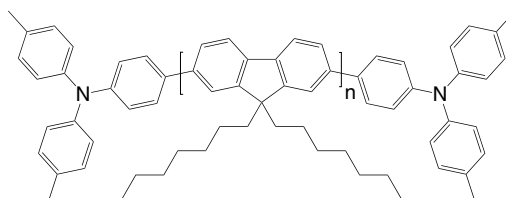
LT-A1025

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

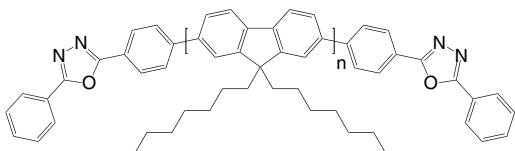


Emitting Layers

LT-A1027

Poly[9,9-dioctylfluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

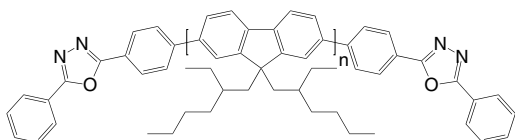
Grade :Mw >20,000 (GPC)
 Formula :C₂₈H₁₈N₄O₂(C₂₉H₄₂)_n
 UV :393 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1028

Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole

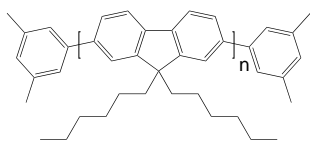
Grade :Mw >10,000 (GPC)
 Formula :C₂₈H₁₈N₄O₂(C₂₉H₄₀)_n
 UV :393 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1029

Poly[9,9-dihexylfluorenyl-2,7-diyl] end capped with dimethylphenyl

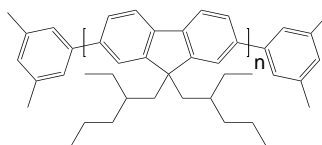
CAS No. :1010129-39-1
 Grade :Mw =50,000~150,000 (GPC)
 Formula :C₁₆H₁₈(C₂₅H₃₂)_n
 UV :393 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1030

Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with dimethylphenyl

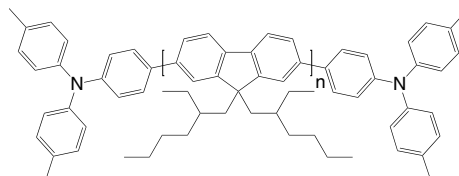
Grade :Mw >20,000 (GPC)
 Formula :C₁₆H₁₈(C₂₉H₄₀)_n
 UV :393 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1031

Poly[9,9-di(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with N,N-bis(4-methylphenyl)aniline

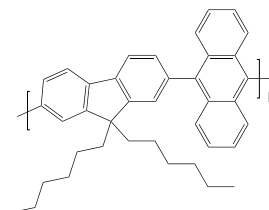
Grade :Mw >10,000 (GPC)
 Formula :C₄₀H₃₆N₂(C₂₉H₄₀)_n
 UV :393 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1032 PFH-A

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-co-(9,10-anthracene)]

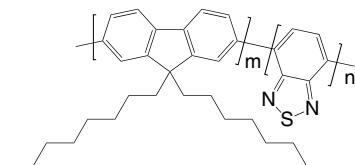
CAS No. :474975-22-9
 Grade :Mw >10,000 (GPC)
 Formula :(C₃₉H₄₀)_n
 UV :375 nm (in THF)
 PL :440 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



LT-A1033

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(1,4-benzo-[2,1,3]-thiadiazole)] (m:n=95:5 mole ratio)

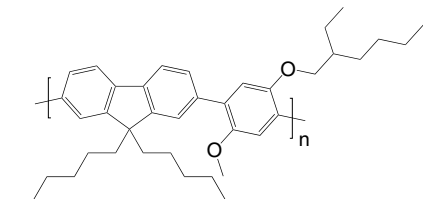
Grade :Mw >20,000 (GPC)
 Formula : $(C_{29}H_{40})_m(C_6H_2N_2S)_n$
 UV :386 nm (in THF)
 PL :535 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1034

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)]

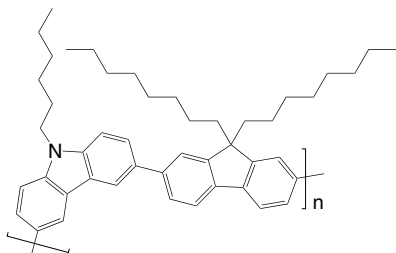
CAS No. :475102-99-9
 Grade :Mw >10,000 (GPC)
 Formula : $(C_{40}H_{54}O_2)_n$
 UV :366 nm (in THF)
 PL :410 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1035

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

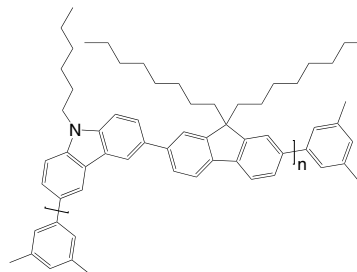
Grade :Mw >10,000 (GPC)
 Formula : $(C_{47}H_{59}N)_n$
 UV :360 nm (in THF)
 PL :410 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1036

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(9-hexyl-3,6-carbazole)] end capped with dimethylphenyl

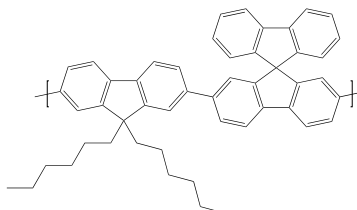
Grade :Mw >10,000 (GPC)
 Formula : $C_{16}H_{18}(C_{47}H_{59}N)_n$
 UV :364 nm (in THF)
 PL :412 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-A1037

Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-(9,9'-spirobifluorene-2,7-diyl)]

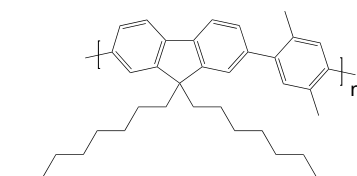
CAS No. :474975-24-1
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{50}H_{46})_n$
 UV :380 nm (in THF)
 PL :410 nm (in THF)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



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

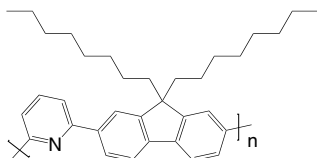
Grade :Mw >20,000 (GPC)

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

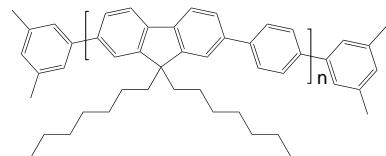
Grade :Mw >30,000 (GPC)

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]

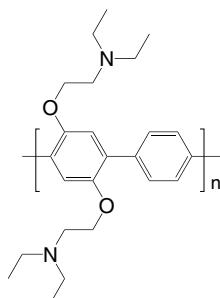
Grade :Mw >30,000 (GPC)

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

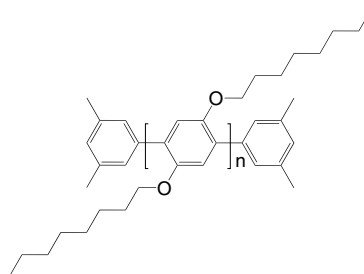
Grade :Mw >10,000 (GPC)

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

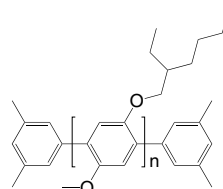
Grade :Mw >10,000 (GPC)

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)]

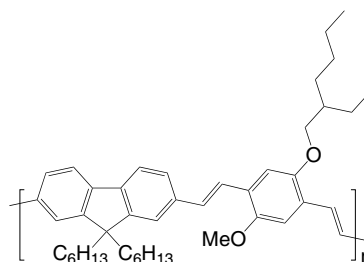
Grade :Mw >20,000 (GPC)

Formula : $(C_{44}H_{58}O_2)_n$

UV :325 nm (in THF)

PL :390 nm (in THF)

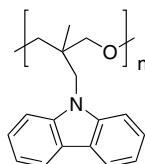
Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N4037 | PCMO

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

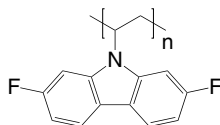
CAS No. :69678-71-3
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{17}H_{17}NO)_n$
 UV :237, 263 nm (in CH_2Cl_2)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N4062 | 2,7-F-PVF

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

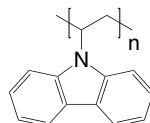
CAS No. :1227083-33-1
 Grade :Mw >30,000 (GPC)
 Formula : $(C_{14}H_9F_2N)_n$
 UV :261, 294 nm (in CH_2Cl_2)
 PL :397 nm (in CH_2Cl_2)
 Solvent :Soluble in $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N4077 | PVK

Poly(9-vinylcarbazole)

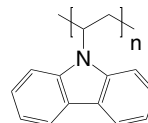
CAS No. :25067-59-8
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{14}H_{11}N)_n$
 UV :261, 294 nm (in CH_2Cl_2)
 PL :380 nm (in THF)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-N4078 | PVK

Poly(9-vinylcarbazole)

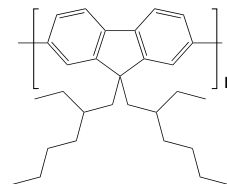
CAS No. :25067-59-8
 Grade :Mw >100,000 (GPC)
 Formula : $(C_{14}H_{11}N)_n$
 UV :261, 294 nm (in CH_2Cl_2)
 PL :380 nm (in THF)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



LT-S9004 | PF2EH

Poly[9,9-bis(2-ethylhexyl)fluorenyl-2,7-diyl]

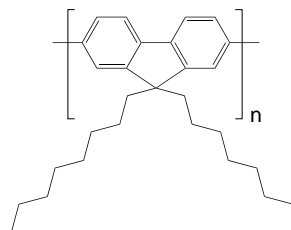
CAS No. :188201-16-3
 Grade :Mw >20,000 (GPC)
 Formula : $(C_{29}H_{40})_n$
 UV :389 nm (in THF)
 PL :418 nm (in THF)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene



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)
 Solvent :Soluble in THF, $CHCl_3$, Chlorobenzene, Dichlorobenzene

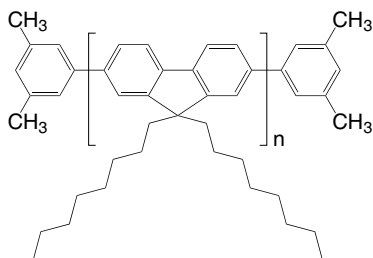


Emitting Layers

LT-S934 | PFO-DMP

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

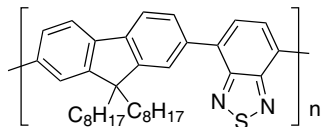
CAS No. :874816-14-5
 Grade :Mw =50,000~150,000 (GPC)
 Formula :C₁₆H₁₈(C₂₉H₄₀)_n
 UV :368 nm (in THF)
 PL :421 nm (in THF)
 Solvent :Soluble in THF, CHCl₃, Chlorobenzene, Dichlorobenzene



LT-S957 | F8BT

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(benzo[2,1,3]thiadiazol-4,7-diyl)]

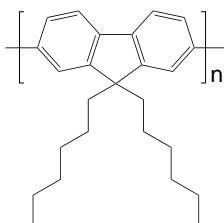
CAS No. :210347-52-7
 Grade :Mw >20,000
 Formula :(C₃₅H₄₂N₂S)_n
 UV :453 nm (in THF)
 PL :534 nm (in THF)
 Solvent :Soluble in THF, CHCl₃, Chlorobenzene, Dichlorobenzene



LT-S958 | PHF

Poly(9,9-dihexylfluorenyl-2,7-diyl)

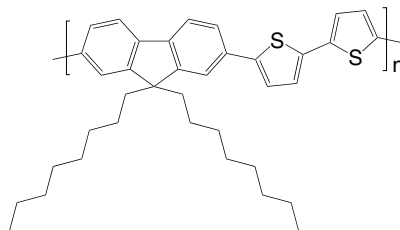
CAS No. :201807-75-2
 Grade :Mw =30,000~100,000 (GPC)
 Formula :(C₂₅H₃₂)_n
 UV :389 nm (in THF)
 PL :418 nm (in THF)
 Solvent :Soluble in THF, CHCl₃, Chlorobenzene, Dichlorobenzene



LT-S979 | F8T2

Poly[(9,9-di-n-octylfluorenyl-2,7-diyl)-alt-2,2'-bithiophene-5,5'-diyl]

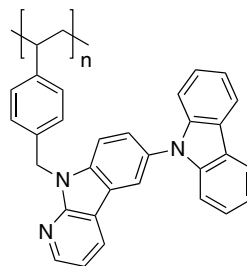
CAS No. :210347-56-1
 Grade :Mw >20,000 (GPC)
 Formula :(C₃₇H₄₄S₂)_n
 UV :454 nm (in THF)
 PL :500 nm (in THF)
 Solvent :Soluble in CHCl₃, Chlorobenzene, Dichlorobenzene



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 :(C₃₂H₂₃N₃)_n
 PL :414 nm (film)
 HOMO :-5.65 eV
 LUMO :-2.28 eV
 ΔEST :0.15 eV

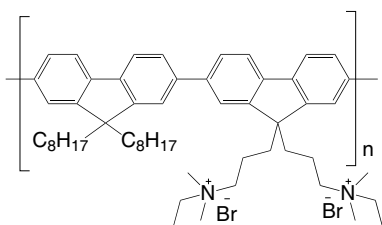


Electron Transport Layer (ETL)

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_2Cl_2)
 PL :414 nm (in CH_2Cl_2)
 Solvent :Soluble in CH_2Cl_2 , $CHCl_3$, Toluene

