

Aggregation-Induced Emission (AIE) Materials

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K0971

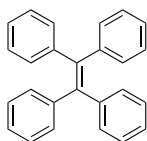
1,1,2,2-Tetraphenylethylene

CAS No. : 632-51-9

Grade : >98%

Formula : $C_{26}H_{20}$

M.W. : 332.44 g/mole



K1710

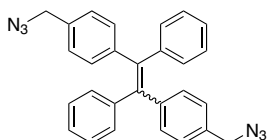
TPE-MN3

1,2-Bis[4-(azidomethyl)phenyl]-1,2-diphenylethylene

CAS No. : 1054451-33-0

Formula : $C_{28}H_{22}N_6$

M.W. : 442.51 g/mole



K1711

TPE-MB

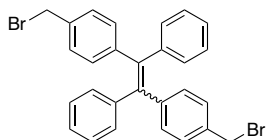
1,2-Bis[4-(bromomethyl)phenyl]-1,2-diphenylethylene

CAS No. : 1053241-67-0

Grade : >97%

Formula : $C_{28}H_{22}Br_2$

M.W. : 518.28 g/mole



K1712

TPE-Ome

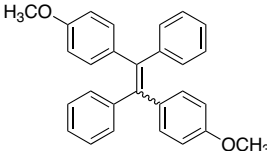
1,2-Bis(4-methoxyphenyl)-1,2-diphenylethylene

CAS No. : 158678-78-9

Grade : >97%

Formula : $C_{28}H_{24}O_2$

M.W. : 392.49 g/mole



K1713

BTPE

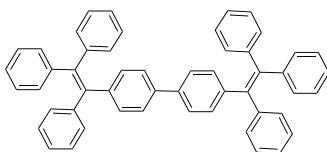
4,4'-Bis(1,2,2-triphenylvinyl)-1,1'-biphenyl

CAS No. : 158605-06-2

Grade : >98%

Formula : $C_{52}H_{38}$

M.W. : 662.86 g/mole



K1714

TPE-BA

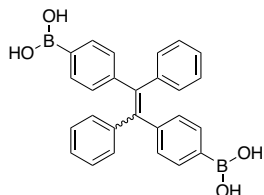
[(1,2-Diphenylethene-1,2-diyl)bis(4,1-phenylene)]diboronic acid

CAS No. : 1054451-31-8

Grade : >96%

Formula : $C_{26}H_{22}B_2O_4$

M.W. : 420.07 g/mole



K1715

TPE-CA

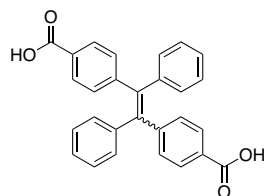
4,4'-(1,2-Diphenylethene-1,2-diyl)dibenzoic acid

CAS No. : 1002339-79-8

Grade : >98%

Formula : $C_{28}H_{20}O_4$

M.W. : 420.46 g/mole



K1716

TPE-DOH

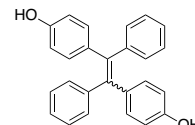
4,4'-(1,2-Diphenylethene-1,2-diyl)diphenol

CAS No. : 68578-79-0

Grade : >97%

Formula : $C_{26}H_{20}O_2$

M.W. : 364.44 g/mole



K1717

TPE-Thiol

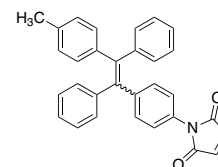
1-[4-(1,2-Diphenyl-2-(p-tolyl)vinyl)phenyl]-1H-pyrrole-2,5-dione

CAS No. : 1245606-71-6

Grade : >98%

Formula : $C_{31}H_{23}NO_2$

M.W. : 441.52 g/mole



K1718

TPE-TOH

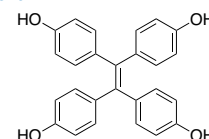
4,4',4'',4'''-(Ethene-1,1,2,2-tetrayl)tetraphenol

CAS No. : 119301-59-6

Grade : >98%

Formula : $C_{26}H_{20}O_4$

M.W. : 396.43 g/mole



K1719

HPS

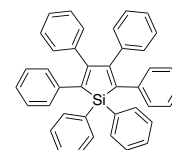
1,1,2,3,4,5-Hexaphenyl-1H-silole

CAS No. : 752-28-3

Grade : >98%

Formula : $C_{40}H_{30}Si$

M.W. : 538.75 g/mole



K1720

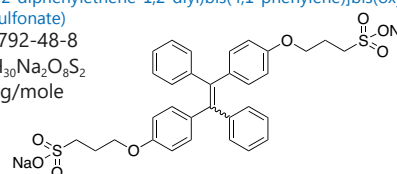
TPE-Sulfonate

Sodium 3,3'-[[(1,2-diphenylethene-1,2-diyl)bis(4,1-phenylene)]bis(oxy)]bis(propene-1-sulfonate)

CAS No. : 953792-48-8

Formula : $C_{32}H_{30}Na_2O_8S_2$

M.W. : 652.69 g/mole



LT-E401

Alq3

Tris-(8-hydroxyquinoline)aluminum

CAS No. : 2085-33-8

Grade : Sublimed >99.5%

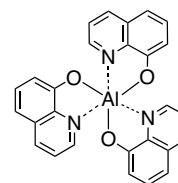
TGA : >270 °C (0.5% weight loss)

Formula : $C_{27}H_{18}AlN_3O_3$

M.W. : 459.43 g/mole

UV : 259 nm (in THF)

PL : 512 nm (in THF)



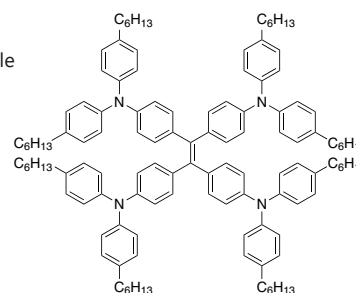
LT-S9501

4,4',4'',4'''-(Ethene-1,1,2,2-tetrayl)tetrakis(N,N-bis(4-hexylphenyl)aniline)

Grade : >99% (NMR)

Formula : $C_{122}H_{152}N_4$

M.W. : 1674.54 g/mole



LT-N4201 | CN-TPB-TPA

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

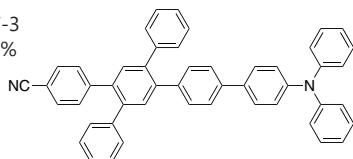
CAS No. : 2408719-17-3

Grade : Sublimed >99%

Formula : $C_{49}H_{34}N_2$

M.W. : 650.81 g/mole

PL : 450 nm (film)



LT-N4219 | TCTA-BP-PXZ

4-(3-(10H-Phenoxazin-10-yl)-9H-carbazol-9-yl)-N,N-bis(4-(9H-carbazol-9-yl)phenyl)aniline

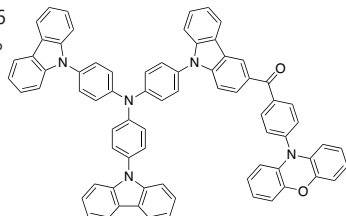
CAS No. : 2378607-56-6

Grade : Sublimed >98%

Formula : $C_{73}H_{47}N_5O_2$

M.W. : 1026.19 g/mole

PL : 547 nm (in THF)



LT-N4220 | TCTA-BP-DMAC

N,N-Bis(4-(9H-carbazol-9-yl)phenyl)-4-(3-(9,9-dimethylacridin-10(9H)-yl)-9H-carbazol-9-yl)aniline

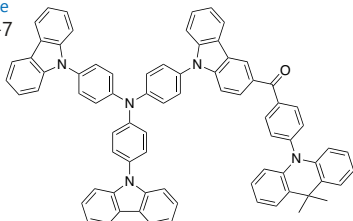
CAS No. : 2378607-57-7

Grade : >99% (NMR)

Formula : $C_{76}H_{53}N_5O$

M.W. : 1052.27 g/mole

PL : 558 nm (in THF)



LT-N4224 | DB-BCZ

9,9-(4-(Dimesitylboranyl)-[1,1-biphenyl]-3,5-diyl)bis(9H-carbazole)

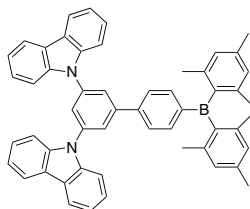
CAS No. : 2570405-56-8

Grade : Sublimed >99%

Formula : $C_{54}H_{45}BN_2$

M.W. : 732.76 g/mole

PL : 424 nm (film)



LT-N4225 | PBTPA

4-(7-(10-Ethyl-10H-phenothiazin-3-yl)benzo[c][1,2,5]thiadiazol-4-yl)-N,N-diphenylaniline

CAS No. : 2567594-79-8

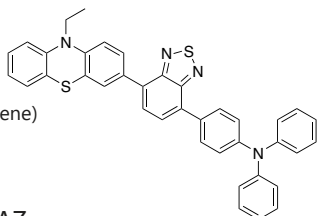
Grade : Sublimed >99%

Formula : $C_{38}H_{28}N_4S_2$

M.W. : 604.79 g/mole

UV : 314, 461 nm (in Toluene)

PL : 628 nm (in Toluene)



LT-N4227 | TPETAZ

3,4-Diphenyl-5-(4'-(1,2,2-triphenylvinyl)-[1,1'-biphenyl]-4-yl)-4H-1,2,4-triazole

CAS No. : 2641369-36-8

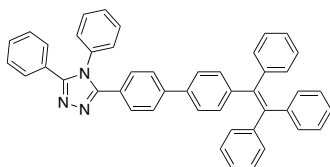
Grade : Sublimed >99%

Formula : $C_{46}H_{33}N_3$

M.W. : 627.77 g/mole

UV : 328 nm (in THF)

PL : 445 nm (in THF)



LT-N4228 | TPA-An-mPhCz

4-(10-(3-(9H-Carbazol-9-yl)phenyl)anthracen-9-yl)-N,N-diphenylaniline

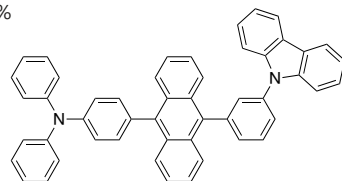
Grade : Sublimed >99%

Formula : $C_{50}H_{34}N_2$

M.W. : 662.82 g/mole

UV : 478 nm (in THF)

PL : 360 nm (in THF)



LT-N4229 | ICz-DPS

11-Phenyl-12-(4-(phenylsulfonyl)phenyl)-11,12-dihydroindolo[2,3-a]carbazole

CAS No. : 2217606-00-1

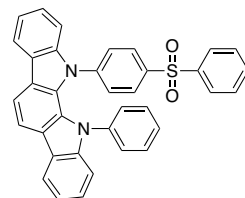
Grade : Sublimed >99%

Formula : $C_{36}H_{24}N_2O_2S$

M.W. : 548.65 g/mole

UV : 290, 324 nm (in Toluene)

PL : 433 nm (in Toluene)



LT-N4231 | 3CP-DPS-PXZ

10-(4-(9-Phenyl-9H-carbazol-3-yl)sulfonyl)phenyl)-10H-phenoxazine

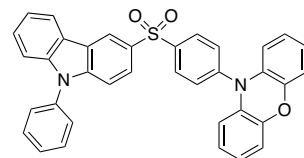
CAS No. : 2486150-45-0

Grade : Sublimed >99%

Formula : $C_{36}H_{24}N_2O_3S$

M.W. : 564.65 g/mole

PL : 518 nm (film)



LT-N4232 | 3CP-DPS-DMAC

9,9-Dimethyl-10-(4-(9-phenyl-9H-carbazol-3-yl)sulfonyl)phenyl)-9,10-dihydroacridine

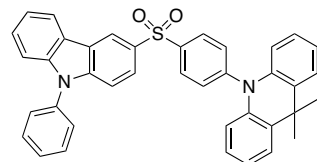
CAS No. : 2486150-46-1

Grade : Sublimed >99%

Formula : $C_{39}H_{30}N_2O_2S$

M.W. : 590.73 g/mole

PL : 472 nm (film)



LT-N4233 | 1TCPM

(4-(1-(4-(Diphenylamino)phenyl)-9H-carbazol-9-yl)phenyl)(phenyl)methanone

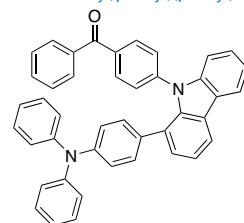
CAS No. : 2644017-39-8

Grade : Sublimed >99%

Formula : $C_{43}H_{30}N_2O$

M.W. : 590.71 g/mole

PL : 510 nm (in Toluene)



LT-N4234 | 1TCPM-Cz

(4-(9H-Carbazol-9-yl)phenyl)(4-(1-(4-(diphenylamino)phenyl)-9H-carbazol-9-yl)phenyl)methanone

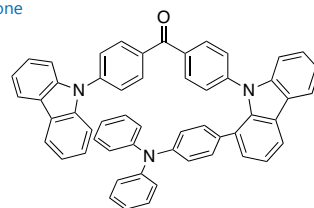
CAS No. : 2644017-42-3

Grade : Sublimed >99%

Formula : $C_{53}H_{37}N_2O$

M.W. : 755.90 g/mole

PL : 521 nm (in Toluene)



LT-N4242 | 3phCN-ICz

5'-(5-Phenylindolo[3,2-a]carbazol-12(5H)-yl)-[1,1':3',1''-terphenyl]-2'-carbonitrile

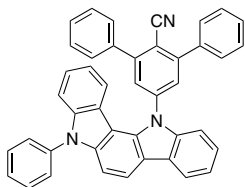
Grade : Sublimed >99%

Formula : $C_{43}H_{27}N_3$

M.W. : 585.69 g/mole

UV : 362 nm (in Toluene)

PL : 437 nm (in Toluene)



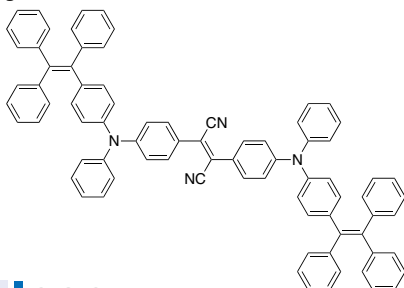
LT-N4243 | TPETPAFN

2,3-Bis(4-(phenyl(4-(1,2,2-triphenylvinyl)phenyl)amino)phenyl)fumaronitrile

Grade : >99%

Formula : $C_{80}H_{56}N_4$

M.W. : 1073.33 g/mole



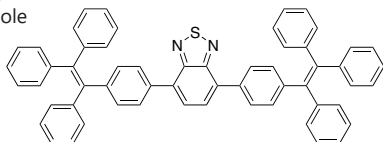
LT-N4244 | BTPEBT

4,7-Bis(4-(1,2,2-triphenylvinyl)phenyl)benzo[c][1,2,5]thiadiazole

Grade : >99%

Formula : $C_{58}H_{40}N_2S$

M.W. : 797.02 g/mole



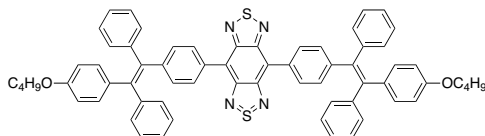
LT-N4245 | β -DTPEBBTD

4,7-Bis(4-((E)-2-(4-butoxyphenyl)-1,2-diphenylvinyl)phenyl)benzo[1,2-c:4,5-c']bis[1,2,5]thiadiazole

Grade : >98.5%

Formula : $C_{66}H_{54}N_4O_2S_2$

M.W. : 999.29 g/mole



LT-N4254 | PhAnMBf

5-(3-(10-(4-(1-Phenyl-1H-phenanthro[9,10-d]imidazol-2-yl)phenyl)anthracen-9-yl)phenyl)-5H-benzofuro[3,2-c]carbazole

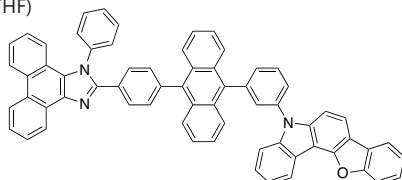
Grade : Sublimed >99%

Formula : $C_{65}H_{39}N_3O$

M.W. : 878.02 g/mole

UV : 373, 393 nm (in THF)

PL : 436 nm (in THF)



LT-N6044 | m-ACSO2

10,10'-(Sulfonylbis(3,1-phenylene))bis(9,9-dimethyl-9,10-dihydroacridine)

CAS No. : 1477512-43-8

Grade : Sublimed >99%

Formula : $C_{42}H_{36}N_2O_2S$

M.W. : 632.81 g/mole

PL : 473 nm (film)

