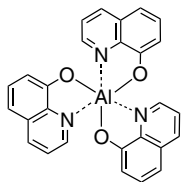


## LT-E401 | Alq3

Tris-(8-hydroxyquinoline)aluminum

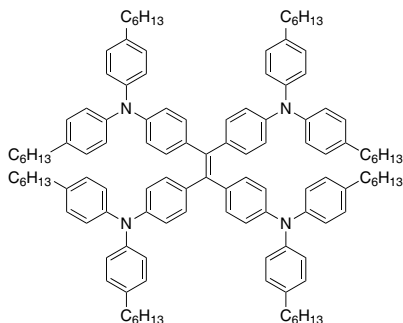
CAS No.	: 2085-33-8
Grade	: Sublimed >99.9%
Formula	: $C_{27}H_{18}AlN_3O_3$
M.W.	: 459.43 g/mole
UV	: 259 nm (in THF)
PL	: 512 nm (in THF)
TGA	: > 270 °C (0.5% weight loss)



## LT-S9501

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

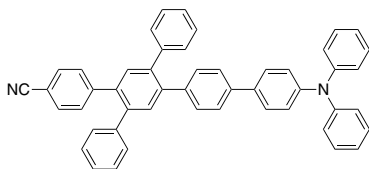
Grade	: >99%(NMR)
Formula	: $C_{122}H_{152}N_4$
M.W.	: 1674.54 g/mole



## LT-N4201 | CN-TPB-TPA

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

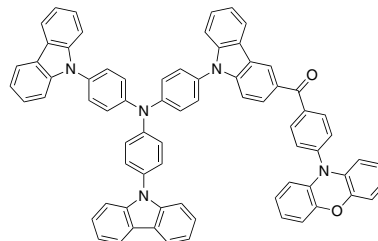
Grade	: Sublimed >99%
Formula	: $C_{49}H_{34}N_2$
M.W.	: 650.81 g/mole
PL	: 450 nm (film)
HOMO	: -5.22 eV
LUMO	: -2.04 eV



## LT-N4219 | TCTA-BP-PXZ

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

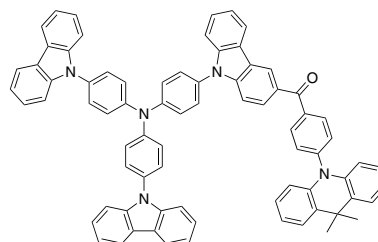
CAS No.	: 2378607-56-6
Grade	: Sublimed >99%
Formula	: $C_{73}H_{47}N_5O_2$
M.W.	: 1026.19 g/mole
PL	: 547 nm(THF)
HOMO	: -5.03 eV
LUMO	: -2.64 eV



## LT-N4220 | TCTA-BP-DMAC

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

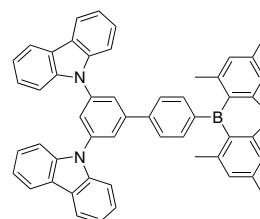
CAS No.	: 2378607-57-7
Grade	: Sublimed >99%
Formula	: $C_{76}H_{53}N_5O$
M.W.	: 1052.27 g/mole
PL	: 558 nm(THF)
HOMO	: -5.18 eV
LUMO	: -2.63 eV



## LT-N4224 | DB-BCZ

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

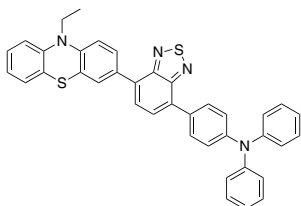
CAS No.	: 2570405-56-8
Grade	: Sublimed >99%
Formula	: $C_{54}H_{45}BN_2$
M.W.	: 732.76 g/mole
PL	: 424 nm (films)
HOMO	: -5.39 eV
LUMO	: -2.02 eV



## LT-N4225 | PBTPA

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

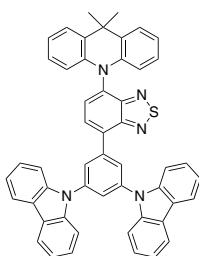
CAS No.	: 2567594-79-8
Grade	: Sublimed >99%
Formula	: C <sub>38</sub> H <sub>28</sub> N <sub>4</sub> S <sub>2</sub>
M.W.	: 604.79 g/mole
PL	: 628 nm (Toluene)
HOMO	: -4.98 eV
LUMO	: -3.10 eV



## LT-N4226 | BCZ-BTD-AD

4-(3,5-Di(9*H*-carbazol-9-yl)phenyl)-7-(9,9-dimethylacridin-10(9*H*)-yl)benzo[*c*][1,2,5]thiadiazole

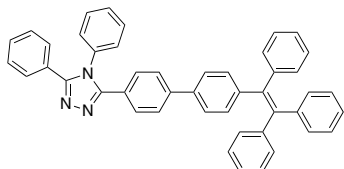
Grade	: Sublimed >99%
Formula	: C <sub>51</sub> H <sub>35</sub> N <sub>5</sub> S
M.W.	: 749.92 g/mole
PL	: 650 nm (THF)
HOMO	: -5.22 eV
LUMO	: -2.81 eV
EST	: 0.16 eV



## LT-N4227 | TPETAZ

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

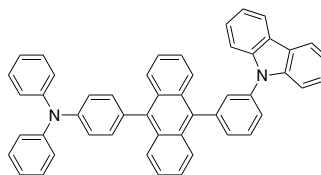
CAS No.	: 2641369-36-8
Grade	: Sublimed >99%
Formula	: C <sub>46</sub> H <sub>33</sub> N <sub>3</sub>
M.W.	: 627.77 g/mole
PL	: 445 nm (THF)
HOMO	: -5.92 eV
LUMO	: -2.45 eV



## LT-N4228 | TPA-An-mPhCz

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

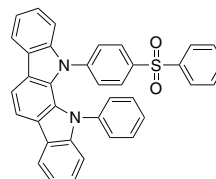
Grade	: Sublimed >99%
Formula	: C <sub>50</sub> H <sub>34</sub> N <sub>2</sub>
M.W.	: 662.82 g/mole
PL	: 360 nm (THF)
HOMO	: -5.22 eV
LUMO	: -2.52 eV



## LT-N4229 | ICz-DPS

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

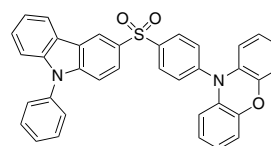
CAS No.	: 2217606-00-1
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	: 548.65 g/mole
PL	: 433 nm (Toluene)
HOMO	: -5.92 eV
LUMO	: -2.45 eV
EST	: 0.22 eV



## LT-N4231 | 3CP-DPS-PXZ

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

CAS No.	: 2486150-45-0
Grade	: Sublimed >99%
Formula	: C <sub>36</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub> S
M.W.	: 564.65 g/mole
PL	: 518 nm (film)
HOMO	: -5.10 eV
LUMO	: -2.00 eV
EST	: 0.03 eV

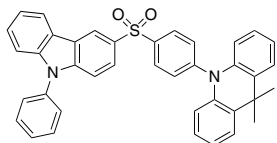


Our products are used for testing and research purpose; they are not guaranteed in patent contention by customer use.

## LT-N4232 | 3CP-DPS-DMAC

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

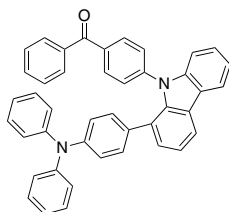
CAS No.	: 2486150-46-1
Grade	: Sublimed >99%
Formula	: C <sub>39</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	: 590.73 g/mole
PL	: 472 nm(film)
HOMO	: -5.31 eV
LUMO	: -2.01 eV
EST	: 0.07 eV



## LT-N4233 | 1TCPM

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

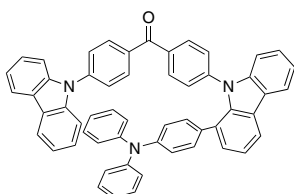
CAS No.	: 2644017-39-8
Grade	: Sublimed >99%
Formula	: C <sub>43</sub> H <sub>30</sub> N <sub>2</sub> O
M.W.	: 590.71 g/mole
PL	: 510 nm(Toluene)
HOMO	: -5.51 eV
LUMO	: -3.18 eV
EST	: 0.02 eV



## LT-N4234 | 1TCPM-Cz

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

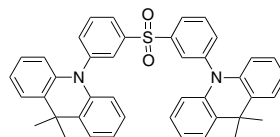
CAS No.	: 2644017-42-3
Grade	: Sublimed >99%
Formula	: C <sub>55</sub> H <sub>37</sub> N <sub>3</sub> O
M.W.	: 755.90 g/mole
PL	: 521 nm(Toluene)
HOMO	: -5.36 eV
LUMO	: -3.06 eV
EST	: 0.04 eV



## LT-N6044 | m-ACSO2

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

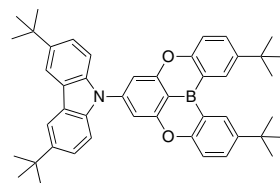
CAS No.	: 1477512-43-8
Grade	: Sublimed >99%
Formula	: C <sub>42</sub> H <sub>36</sub> N <sub>2</sub> O <sub>2</sub> S
M.W.	: 632.81 g/mole
PL	: 473 nm (film)
HOMO	: -5.36 eV
LUMO	: -2.26 eV



## LT-N6080 | TB-tCz

3,6-Di-tert-butyl-9-(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

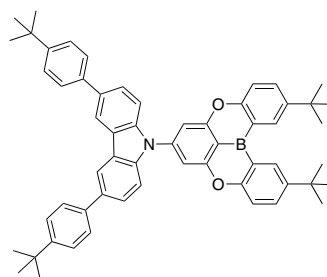
Grade	: Sublimed >99%
Formula	: C <sub>44</sub> H <sub>50</sub> BNO <sub>2</sub>
M.W.	: 659.71 g/mole
PL	: 415 nm (Toluene)
HOMO	: -5.64 eV
LUMO	: -2.47 eV



## LT-N6081 | TB-tPCz

3,6-Bis(4-(tert-butyl)phenyl)-9-(2,12-di-tert-butyl-5,9-dioxa-13b-boranaphtho[3,2,1-de]anthracen-7-yl)-9H-carbazole

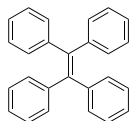
Grade	: Sublimed >99%
Formula	: C <sub>58</sub> H <sub>58</sub> BNO <sub>2</sub>
M.W.	: 811.90 g/mole
PL	: 422 nm(Toluene)
HOMO	: -5.69 eV
LUMO	: -2.64 eV



## K0971

### 1,1,2,2-Tetraphenylethylene

CAS No. : 632-51-9  
 Grade : >98%  
 Formula :  $(C_6H_5)_2C=C(C_6H_5)_2$   
 M.W. : 332.44 g/mole  
 Boiling Point : 420 °C (lit.)  
 Melting Point : 222-224 °C (lit.)

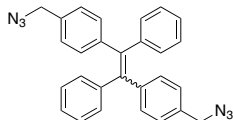


## K1710

### TPE-MN3

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

CAS No. : 1054451-33-0  
 Formula :  $C_{28}H_{22}N_6$   
 M.W. : 442.51 g/mole

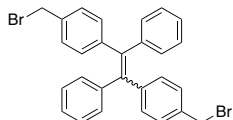


## K1711

### TPE-MB

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

CAS No. : 1053241-67-0  
 Grade : >97%  
 Formula :  $C_{28}H_{22}Br_2$   
 M.W. : 518.28 g/mole

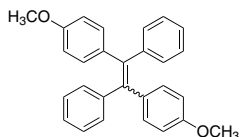


## K1712

### TPE-Ome

#### 1,2-Bis(4-methoxyphenyl)-1,2-diphenylethene

CAS No. : 68578-78-9  
 Grade : >97%  
 Formula :  $C_{28}H_{24}O_2$   
 M.W. : 392.49 g/mole

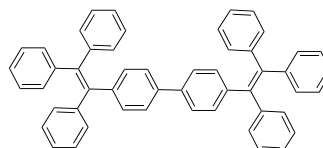


## K1713

### BTPE

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

CAS No. : 158605-06-2  
 Grade : >98%  
 Formula :  $C_{52}H_{38}$   
 M.W. : 662.86 g/mole

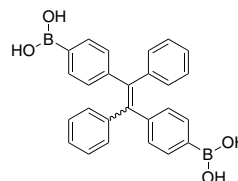


## K1714

### TPE-BA

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

CAS No. : 1054451-31-8  
 Grade : >96%  
 Formula :  $C_{26}H_{22}B_2O_4$   
 M.W. : 420.07 g/mole

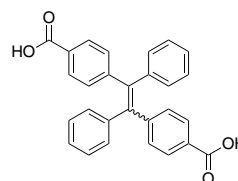


## K1715

### TPE-CA

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

CAS No. : 1002339-79-8  
 Grade : >98%  
 Formula :  $C_{28}H_{20}O_4$   
 M.W. : 420.46 g/mole

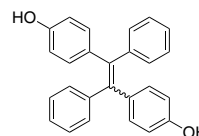


## K1716

### TPE-DOH

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

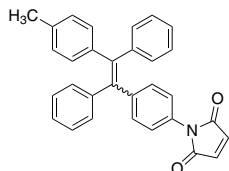
CAS No. : 68578-79-0  
 Grade : >97%  
 Formula :  $C_{26}H_{20}O_2$   
 M.W. : 364.44 g/mole  
 Melting Point : 225 °C (lit.)



## K1717 | TPE-Thiol

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

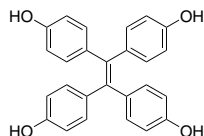
CAS No. : 1245606-71-6  
 Grade : >98%  
 Formula : C<sub>31</sub>H<sub>23</sub>NO<sub>2</sub>  
 M.W. : 441.52 g/mole



## K1718 | TPE-TOH

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

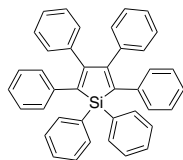
CAS No. : 119301-59-6  
 Grade : >98%  
 Formula : C<sub>26</sub>H<sub>20</sub>O<sub>4</sub>  
 M.W. : 396.43 g/mole



## K1719 | HPS

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

CAS No. : 752-28-3  
 Grade : >98%  
 Formula : C<sub>40</sub>H<sub>30</sub>Si  
 M.W. : 538.75 g/mole  
 Melting Point : 188-193 °C



## K1720 | TPE-Sulfonate

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

CAS No. : 953792-48-8  
 Formula : C<sub>32</sub>H<sub>30</sub>Na<sub>2</sub>O<sub>8</sub>S<sub>2</sub>  
 M.W. : 652.69 g/mole

