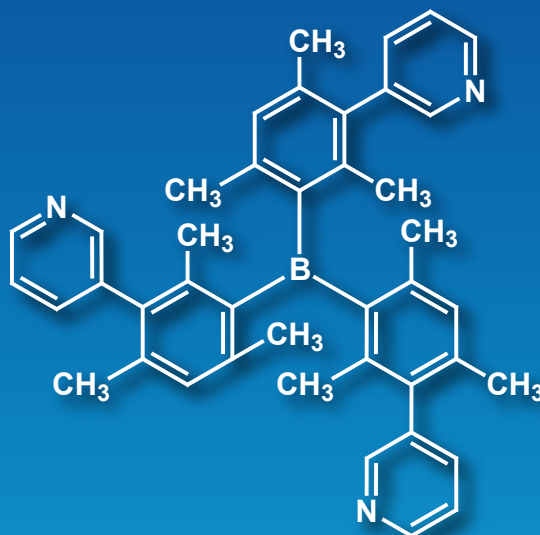


New

MATERIALS



Electron Transport Material for OLED 3TPYMB



3TPYMB (purified by sublimation)
100mg / 500mg
[T4079]

Advantages

- Highly purified by sublimation
- Usable in organic light-emitting diodes (OLED) as an electron transport and hole blocking material
- High triplet excited energy level (2.95 eV) and high electron affinity (3.32 eV)

Applications

Examples of OLEDs using 3TPYMB as an electron transport layer

- D. Tanaka *et al.*, *Chem. Lett.* **2007**, 36, 262. <https://doi.org/10.1246/cl.2007.262>
- K. Goushi *et al.*, *Nat. Photonics* **2012**, 6, 253. <https://doi.org/10.1038/nphoton.2012.31>
- C. Yang *et al.*, *J. Mater. Chem. C* **2019**, 7, 10851. <https://doi.org/10.1039/c9tc03582f>
(pure blue OLED, EQE: 25.5%)
- T. Lin *et al.*, *Adv. Mater.* **2016**, 28, 6976. <https://doi.org/10.1002/adma.201601675>
(sky blue OLED, EQE: 36.7%)

See more information for
Electron Transport Materials;

<https://bit.ly/3UYFcJ2> or



See more information for
OLED Materials;

<https://bit.ly/3GfF1oy> or



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