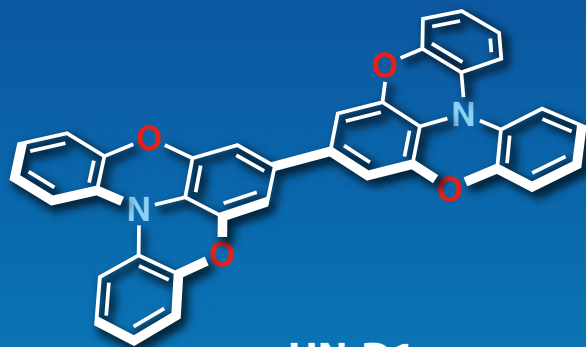
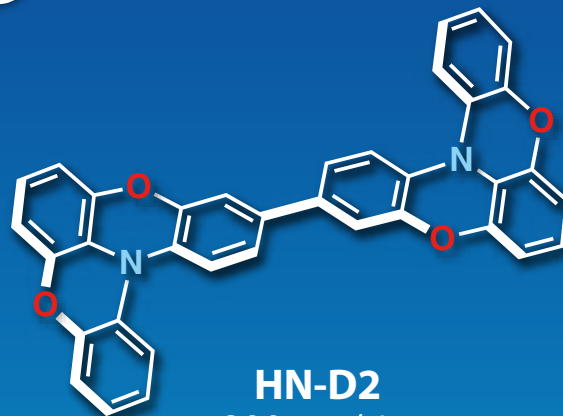


Pseudoplanar Hole Conductor HN-D



HN-D1
200mg / 1g
[B4908]



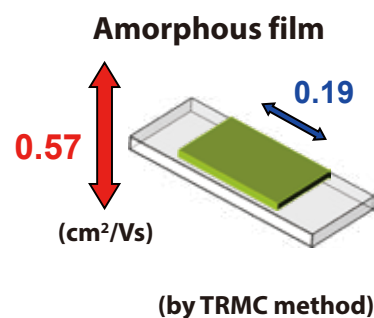
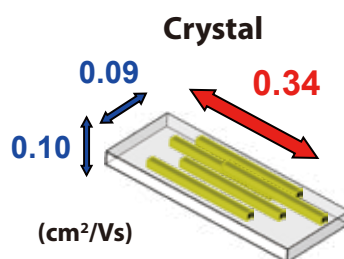
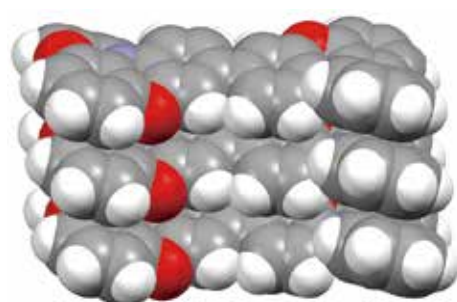
HN-D2
200mg / 1g
[B4907]

Advantages

- On-top π -stack structure by one-dimensionally arranged molecules in crystal
- Anisotropic mobility in amorphous film
- The amorphous film shows high carrier mobility perpendicular to the device layer

Application

Anisotropy of carrier mobility (B4907)



References A. Wakamiya, M. Murata, Y. Murata, H. Kaji, *et al.*, *Angew. Chem. Int. Ed.* **2014**, 53, 5800. <https://doi.org/10.1002/anie.201400068>
A. Wakamiya, H. Nishimura, Y. Murata, T. Fukushima, H. Kaji, Kyoto University, JP Patent 5591996.

These products have been commercialized under the instruction of Prof. Atsushi Wakamiya.

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