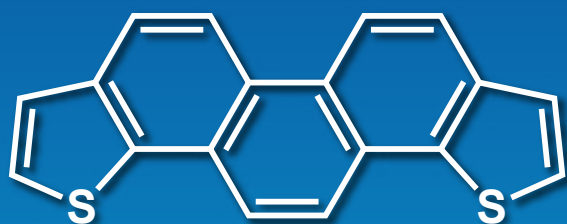


p-Type Semiconducting Picene Derivative Phenanthrodithiophene

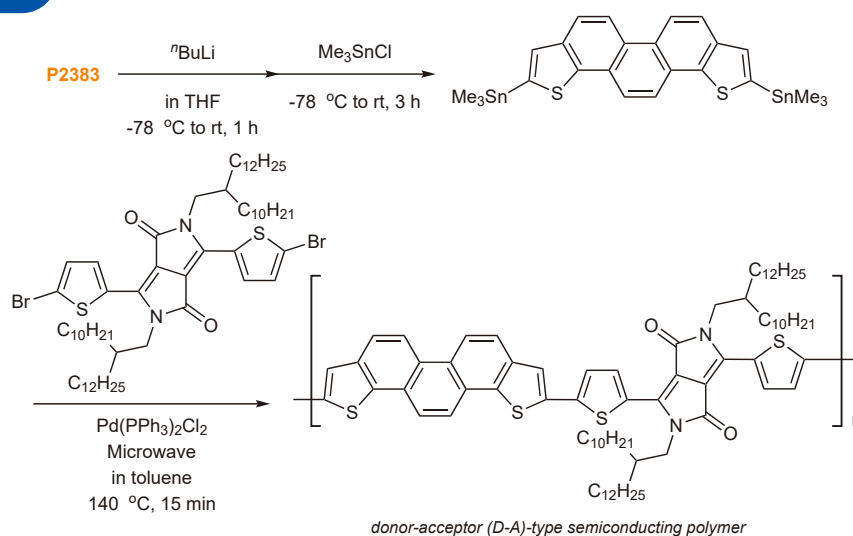


[P2383]

Advantages

- The field-effect mobility is as high as $10^{-1} \text{ cm}^2/\text{Vs}$ when used in the thin films of the field-effect transistor (FET).
- Applicable to the synthesis of semiconducting polymers by using stannylated or brominated P2383.

Application



References

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 Y. Nishihara, M. Kinoshita, K. Hyodo, Y. Okuda, R. Eguchi, H. Goto, S. Hamao, Y. Takabayashi, Y. Kubozono, *RSC Adv.* **2013**, *3*, 19341.
 Y. Nishihara, ADEKA CORP., Jpn. Kokai Tokkyo Koho 2014-240483, **2014**.

Phenanthro[1,2-*b*:8,7-*b'*]dithiophene

100mg [P2383]

Related Product

Picene (purified by sublimation) (>99.9%)

100mg / 500mg [P2207]

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