

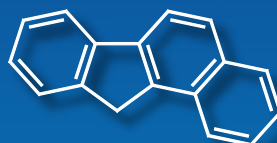
Polycyclic Aromatics with sp^3 -Carbon Methylene Bridges



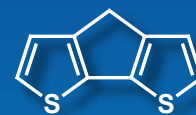
Fluorene
25g / 100g / 500g
[F0017]



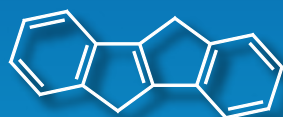
2,3-Benzofluorene
100mg / 1g
[B0059]



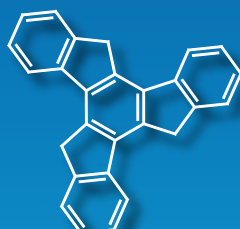
1,2-Benzofluorene
200mg / 1g
[B3931]



**4H-Cyclopenta-
[2,1-b:3,4-b']dithiophene**
200mg / 1g
[C3021]



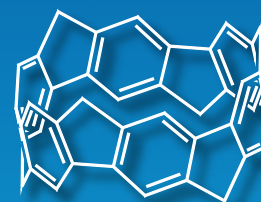
**5,10-Dihydroindeno-
[2,1-a]indene**
1g
New [D3191]



Truxene
100mg / 1g
[T2752]



Sumanene
20mg / 100mg
[S0888]

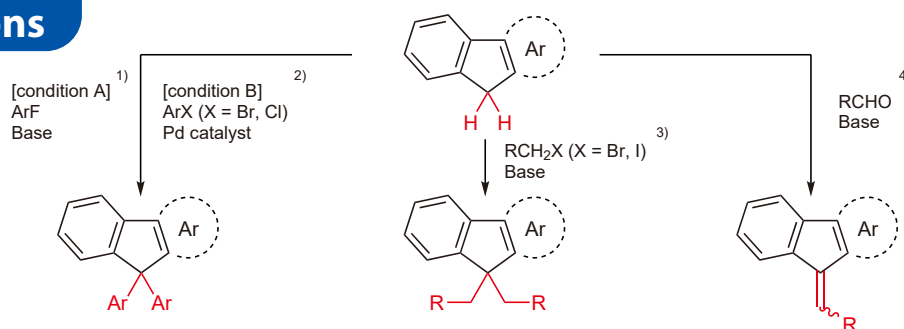


**Methylene-bridged
[6]cycloparaphenylene**
10mg / 50mg
New [M3419]

Advantages

- Allow methylene moieties to be easily substituted.
- Physical properties such as solubility can be adjusted by derivatization.

Applications



- References** 1) X. Ji, T. Huang, W. Wei, F. Liang, S. Cao, *Org. Lett.* **2015**, *17*, 5096. <https://doi.org/10.1021/acs.orglett.5b02602>
2) J.-J. Chen, Y.-T. Wu, *et al.*, *Adv. Synth. Catal.* **2012**, *354*, 1551. <https://doi.org/10.1002/adsc.201100931>
3) K. Okamoto, F. Liu, T. Nakanishi, *Bull. Chem. Soc. Jpn.* **2018**, *91*, 1258. <https://doi.org/10.1246/bcsj.20180075>
4) A. L. Capodilupo, G. Ciccarella, *et al.*, *Dyes Pigm.* **2016**, *130*, 79. <https://doi.org/10.1016/j.dyepig.2016.02.030>

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