

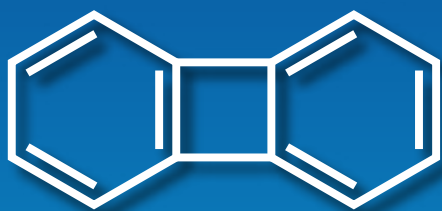
New

MATERIALS



Biphenylene

Condensed Polycyclic Building Block for Functional Materials

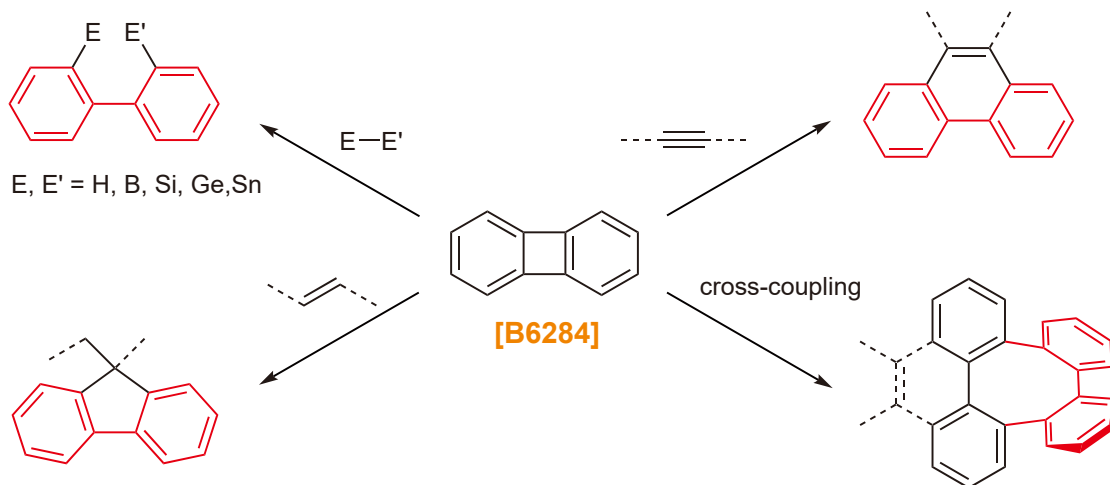


Biphenylene
200mg / 1g
[B6284]

Advantages

- Strained four-membered ring moiety can be cleaved by transition metal complexes.
- Available as a building block for condensed polycycles such as eight-membered ring compounds.

Applications



References H. Takano, T. Ito, K. S. Kanyiva, T. Shibata, *Eur. J. Org. Chem.* **2019**, 2871.
DOI: <https://doi.org/10.1002/ejoc.201900111>
S. Matsubara, Y. Koga, Y. Segawa, K. Murakami, K. Itami, *Nat. Catal.* **2020**, 3, 710.
DOI: <https://doi.org/10.1038/s41929-020-0487-0>

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