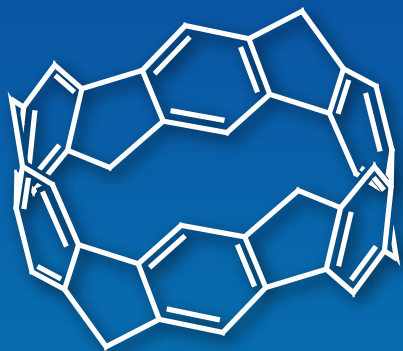


New

MATERIALS



亚甲基桥联[6]CPP



Methylene-bridged
[6]cycloparaphenylene

10mg / 50mg
[M3419]

优势

- 第一个合成的亚甲基桥联环对苯撑¹⁾
- 亚甲基桥增强 π 共轭和窄带隙
- 是Haeckelite纳米管和富勒烯C₈₀的片段
- 能够选择性将亚甲基官能团化²⁾

应用



[6]Cycloparaphenylene
[C3386]

methylene bridge



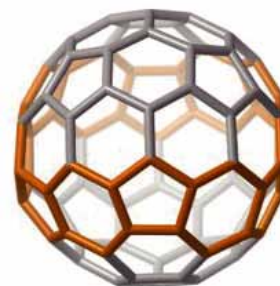
[M3419]



Haeckelite
nanotube



Methylene-bridged
[6]CPP

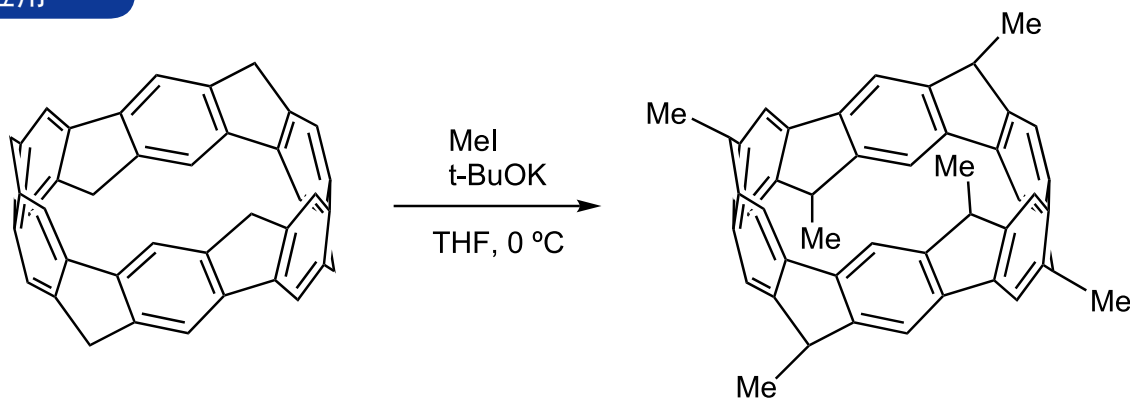


Ih-C₈₀

参考文献 Y. Li, Y. Segawa, A. Yagi, K. Itami, *J. Am. Chem. Soc.* **2020**, *142*, 12850.
<https://doi.org/10.1021/jacs.0c06007>

该产品是在Kenichiro Itami教授指导下生产的。

应用



参考文献 X.-S. Du, D.-W. Zhang, Y. Guo, J. Li, Y. Han, C.-F. Chen, *Angew. Chem. Int. Ed.* **2021**, *60*, 13021.
<https://doi.org/10.1002/anie.202102701>

相关产品

[5]Cycloparaphenylene	20mg [C2931]
[6]Cycloparaphenylene	20mg [C3386]
[7]Cycloparaphenylene	10mg [C3571]
[8]Cycloparaphenylene	20mg [C3544]
[9]Cycloparaphenylene	20mg [C3465]
[10]Cycloparaphenylene	20mg [C3493]
[11]Cycloparaphenylene	10mg [C3536]
[12]Cycloparaphenylene	10mg [C2449]
(6,6)Carbon Nanobelt Bis(tetrahydrofuran) Adduct	10mg [I1078]

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