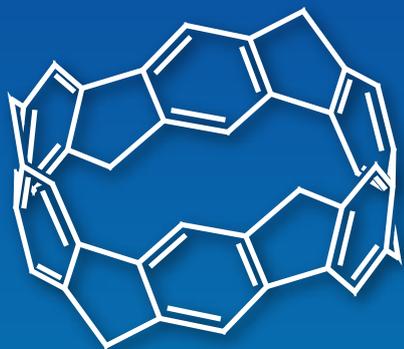


New

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<sup>1)</sup>
- 亚甲基桥增强  $\pi$  共轭和窄带隙
- 是Haeckelite纳米管和富勒烯C<sub>80</sub>的片段
- 能够选择性将亚甲基官能团化<sup>2)</sup>

## 应用



[6]Cycloparaphenylene  
[C3386]

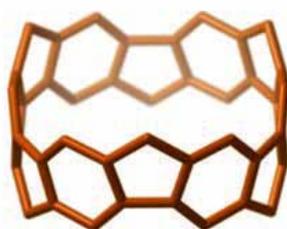
methylene bridge



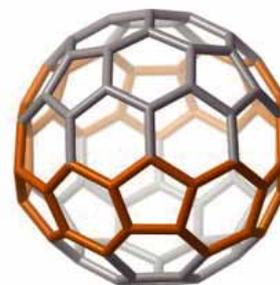
[M3419]



Haeckelite  
nanotube



Methylene-bridged  
[6]CPP

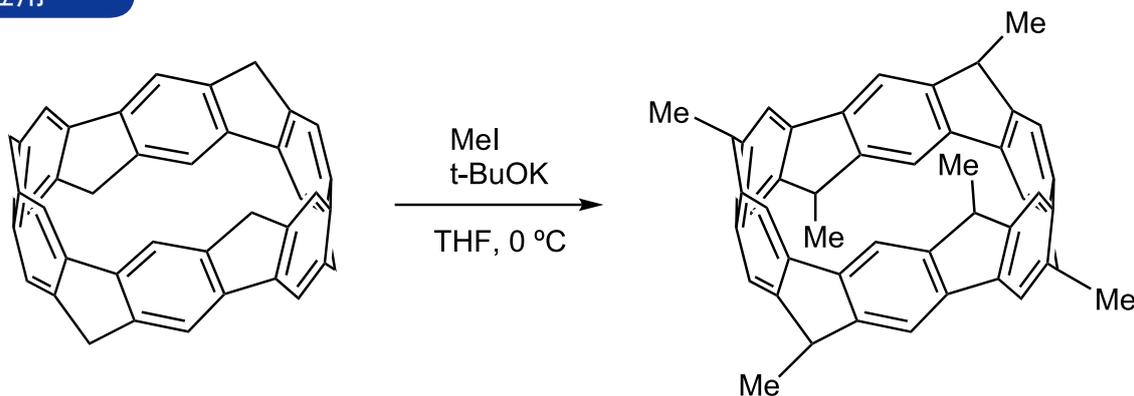


Ih-C<sub>80</sub>

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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TCI 碳纳米单元

