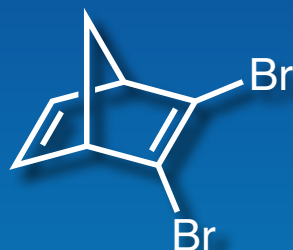


New

CHEMISTRY MATERIALS



Building Block for Norbornadiene Derivatives



2,3-Dibromonorbornadiene

1g / 5g

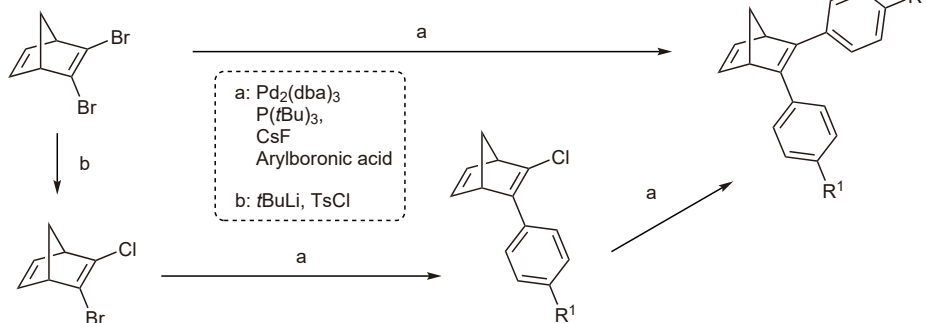
[D5976]

Advantages

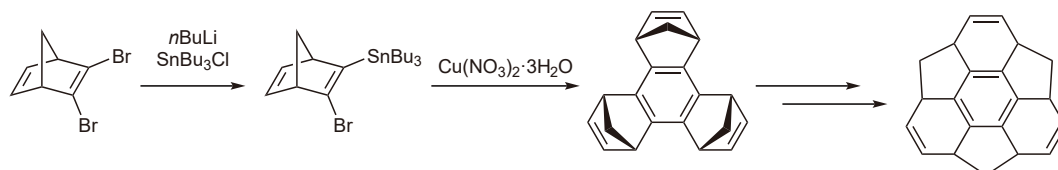
- Norbornadiene with two bromo groups for functional group conversion
- Applicable to the introduction of functional groups such as aryl, alkyl, ethynyl, halo, cyano, alkylthio, and silyl groups by cross-coupling reaction or halogen-metal interconversion

Applications

Synthesis of 2,3-diarylnorbornadiene ¹⁾



Synthesis of precursors of fullerene fragments ²⁾



- References**
- 1) Diaryl-substituted norbornadienes with red-shifted absorption for molecular solar thermal energy storage
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<https://doi.org/10.1039/C3CC47517D>
 - 2) Trisannulated Benzenes by Cyclotrimerization of Bromostannylalkenes
H. Tsuji, C. Mitsui, Y. Sato, E. Nakamura, *Angew. Chem. Int. Ed.* **1997**, 36, 2805.
<https://doi.org/10.1002/anie.199728051>

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