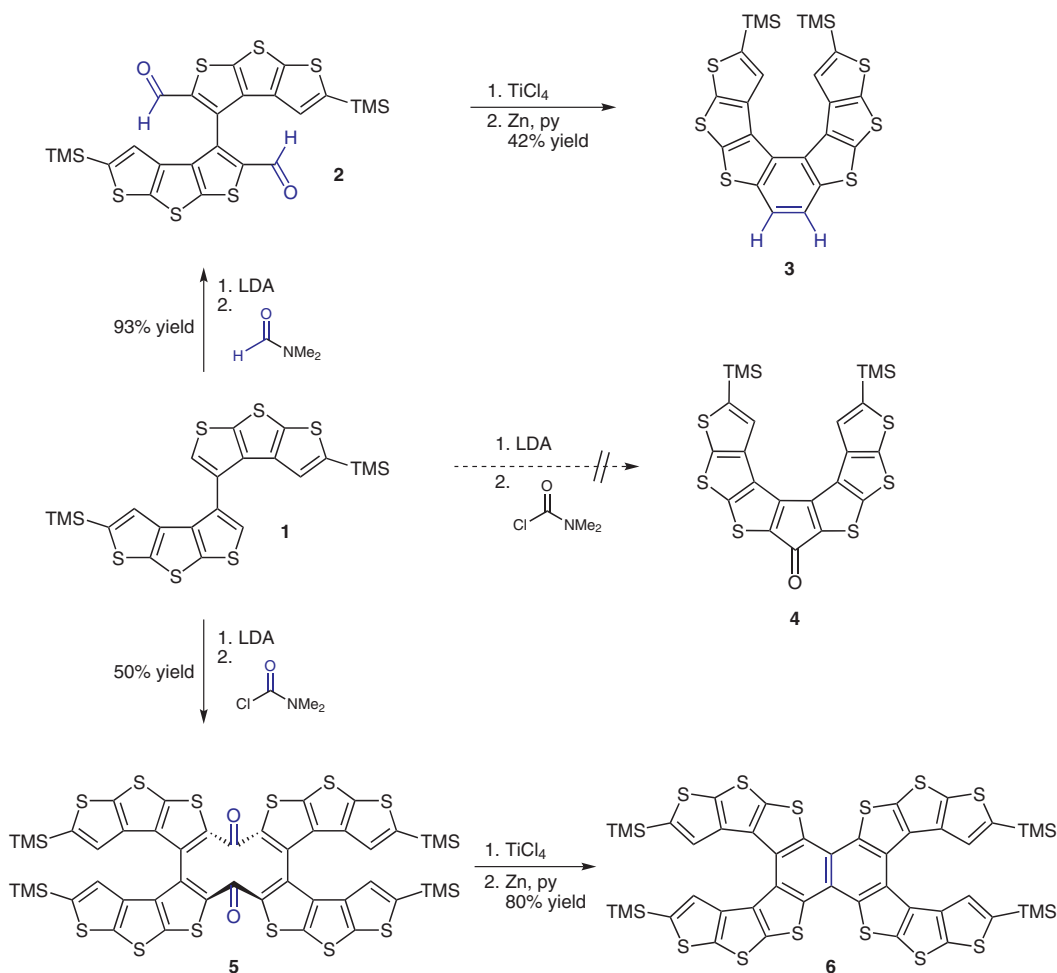


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Syntheses and Crystal Structure of Benzohexathia[7]helicene and Naphthalene Cored Double Helicene  
*Org. Lett.* **2010**, *12*, 456-459.

## Helicene and Double Helicene



**Significance:** A high-yield synthesis of three novel helicene compounds (**3**, **5** and **6**) was developed. X-ray single-crystal structure analysis revealed multiple intermolecular short contacts and UV/vis spectra indicate significant  $\pi$ -delocalization in double helicene **6**, indicating potential in organic functional materials.

**Comment:** The efficient synthesis of **1** can be achieved in a total yield of 28% from 3-bromothiophene (*J. Org. Chem.* **2009**, *74*, 408).

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Synfacts 2010, 4, 0411-0411 Published online: 22.03.2010  
DOI: 10.1055/s-0029-1219602; Reg-No.: S01710SF

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Category

Synthesis of  
Materials and  
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Key words

helicenes

naphthalenes

McMurry reaction

thiophenes

**SYNFACTS**  
*of the month*