

Aufbau von Nonaphen- und Dithianonaphen-Derivaten – Modellverbindungen für gewinkelte Bandstrukturen

Generation of Nonaphene and Dithianonaphene Derivatives –
Model Compounds for Bent Molecular Ribbons

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The cycloaddition of the bisdienophile **1** and the benzo[*c*]furan generated in situ from the precursor **2** yielded the nonaphene derivative **4** (Scheme 1). A related reaction (Scheme 3) was used for the preparation of the dithianonaphene systems **6a**, **b**, **c**, namely the $[2\pi+8\pi]$ cycloaddition of **1** and 2*H*-benzothiete (**5/5'**). Acidic dehydration (aromatization) of **6a**, **b**, **c** led to the dithianonaphenes **7a**, **b**, **c** (Scheme 4).

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