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## **Cascade Cycloadditions for the Synthesis of Perylenes**

**Significance:** Perylene derivatives were prepared by cascade [4+2] cycloadditions between 1,8-difurylnaphthalene and arynes. The double Diels—Alder reaction proceeds in a highly stereoselective fashion and only the *exo*,*exo*-diastereomer (**3a-c**) is formed as confirmed by X-ray crystallographic studies.

**Comment:** The synthetic method allows facile preparation of extended perylenes, which are potential molecular electronic materials. Further study on substituted derivatives with better solubility and stability is desirable.

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