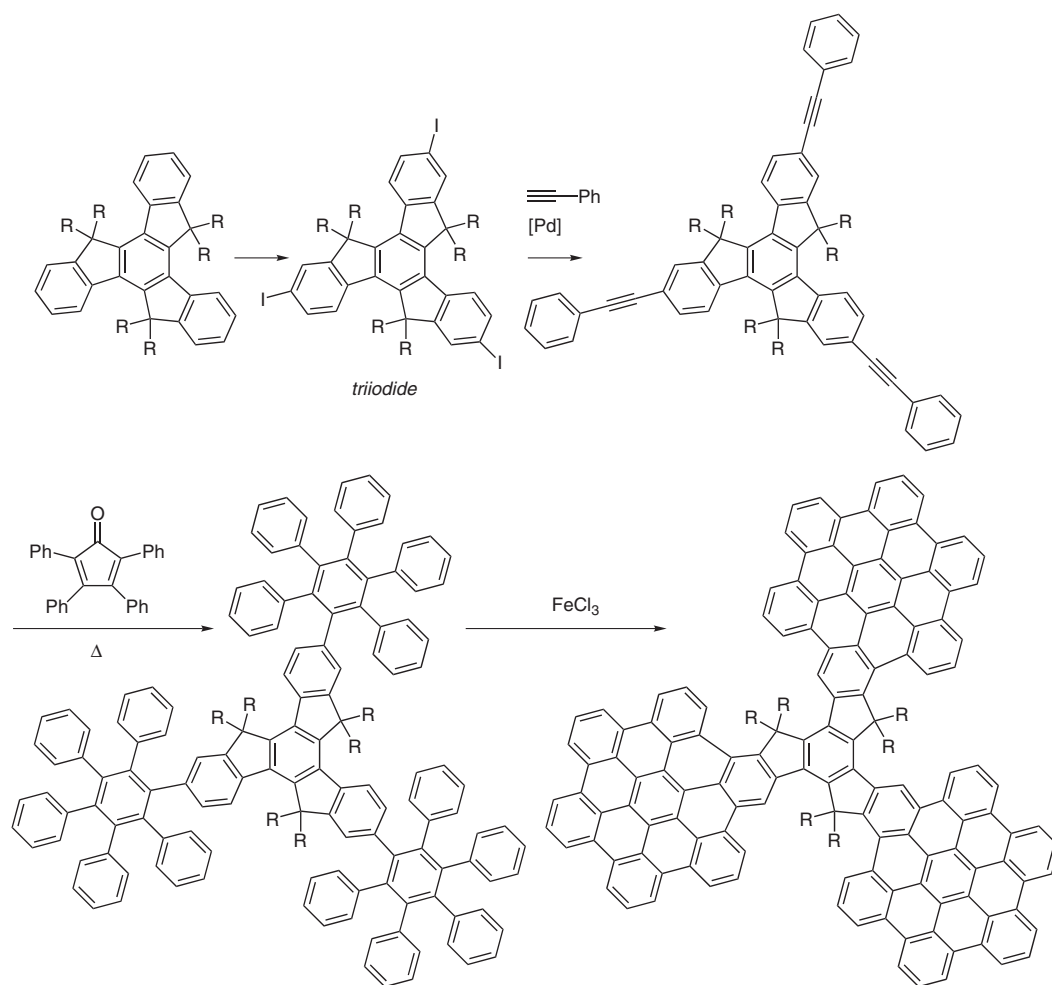


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Star-Shaped and Linear Nanosized Molecules Functionalized with Hexa-*peri*-hexabenzocoronene: Synthesis and Optical Properties*J. Org. Chem.* **2005**, *70*, 3645-3653.

Preparation of Star-Shaped Linear Nanosized polycyclic aromatics



Significance: Nanosized molecules bearing mono-, bi-, and tris(hexa-*peri*-hexabenzocoronene) group(s) (HBC) were prepared from truxene derivatives ($R = \text{hexyl}$) via Sonogashira coupling and decarbonylative Diels–Alder reaction followed by the oxidation with FeCl_3 (preparation of trisHBC derivative is shown above).

Comment: The structural analysis and the optical properties of the star shaped aromatics were performed with MALDI-TOF, UV-Vis and other methods.

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Synfacts 2005, 0, 0034-0034
DOI: 10.1055/s-2005-869982; **Reg-No.:** Y01505Sf

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