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A 2,6-anthrylene-linked ...

... bis(*m*-terphenylcarboxylic acid) strand self-associates into a one-handed homo double helix induced by chiral amines with accompanying stacking of the two prochiral anthracene linker units in an enantiotopic face-selective way. In their Research Article on page 7478, E. Yashima et al. report that the photoirradiation of the double helix proceeds in a diastereo- and enantiodifferentiating way to afford the chiral *anti*-photodimer with up to 98% enantiomeric excess.

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