

## Contorted and Twisted Chiral Polycyclic Aromatic Hydrocarbons

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There are basically two different ways to introduce contortion into extended polycyclic aromatic hydrocarbons (PAHs). One is the introduction of cove or fjord regions into PAHs, if they consist of fused six-membered rings only. The other possibility is the introduction of rings deviating in number of ring-members, such as smaller rings (four and five) or larger rings (seven, eight, nine, etc.). Both strategies have been applied in our group, making larger twisted and chiral PAHs available as well as new PAH topologies, such as monkey-saddles.