Expanded [\(n\)]Radialenes: Unusual Carbon-Rich Molecules

**Significance:** Conjugated macrocycles belong to a class of carbon-rich molecules that exhibit unusual structures and fascinating electronic and optical properties. Here, Tykwinski and co-workers report synthetic approaches to extended [4]radialenes 1 and [3]radialenes 2.

**Comment:** Synthesis of the extended radialenes 1 and 2 is accomplished by a one-pot deprotection and palladium-catalyzed cross-coupling reaction of common intermediates 3 and 4, respectively. Increased bond-angle strain appears to reduce yields in the synthesis of 2 compared to 1. A modified synthesis that leads to \(C_2\)-symmetric expanded [4]radialenes is also presented in this work.