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


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.