**Circulene Flow**

**Significance:** The authors report the facile synthesis of unsymmetrical azatrioxa[8]circulenes that possess a cyclooctatetraene core. It was shown by theoretical calculations and by single-crystal X-ray analysis that these compounds are antiaromatic and highly planar. These types of species are also fluorescent and could be promising compounds for use in light-emitting devices.

**Comment:** The synthetic route outlined above involves the reaction of 3,6-dihydroxycarbazole derivative 1 with two benzoquinones in a sequential manner. Notably, the first substitution step must be carried out with a benzoquinone featuring an electron-donating R1 substituent, otherwise undesired dimerization of the 3,6-dihydroxycarbazole occurs to give diazadioxa[8]circulenes.