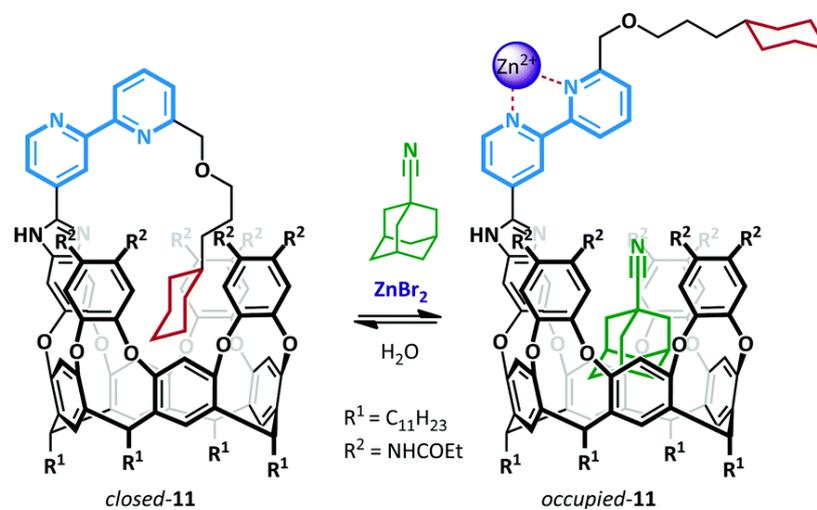


The Ouroborand: A Cavitand with a Coordination-Driven Switching Device**

Fabien Durola and Julius Rebek, Jr.*

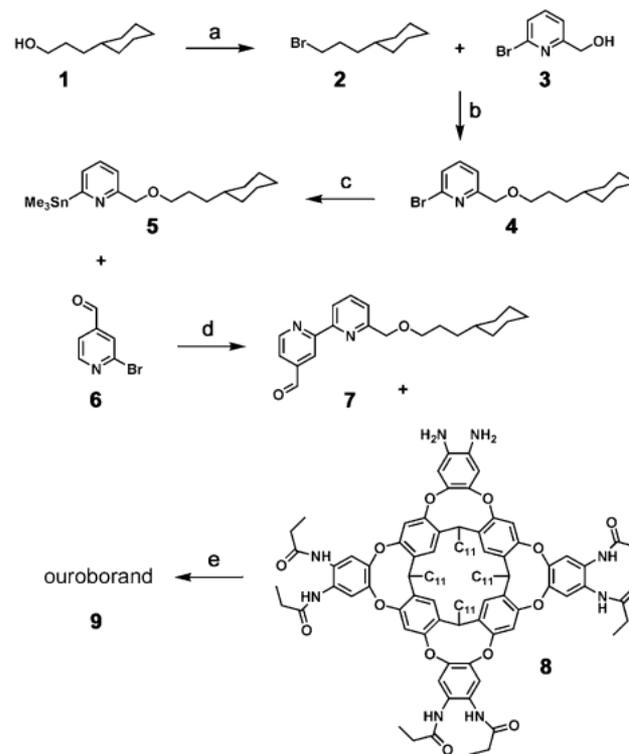
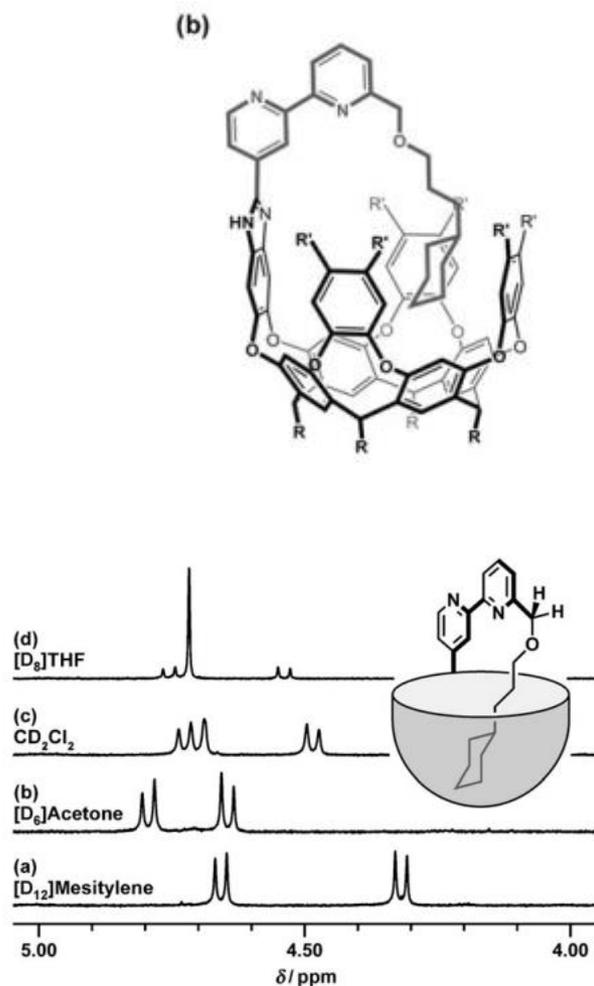
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Scheme 3. Synthesis of the ouroborand. a) PBr₃, 0 °C 15 min, RT 2 h, 100 °C 1.5 h, 100%; b) NaH, THF, RT 2 h, 75 °C 16 h, 26%; c) BuLi, toluene, –20 °C, –78 °C 2 h, Me₃SnCl, –78 °C 1 h, RT, 55%; d) [Pd-(PPh₃)₄], toluene, 110 °C 48 h, 75%; e) dioxane, RT 30 min, 100 °C 16 h, 67%.

