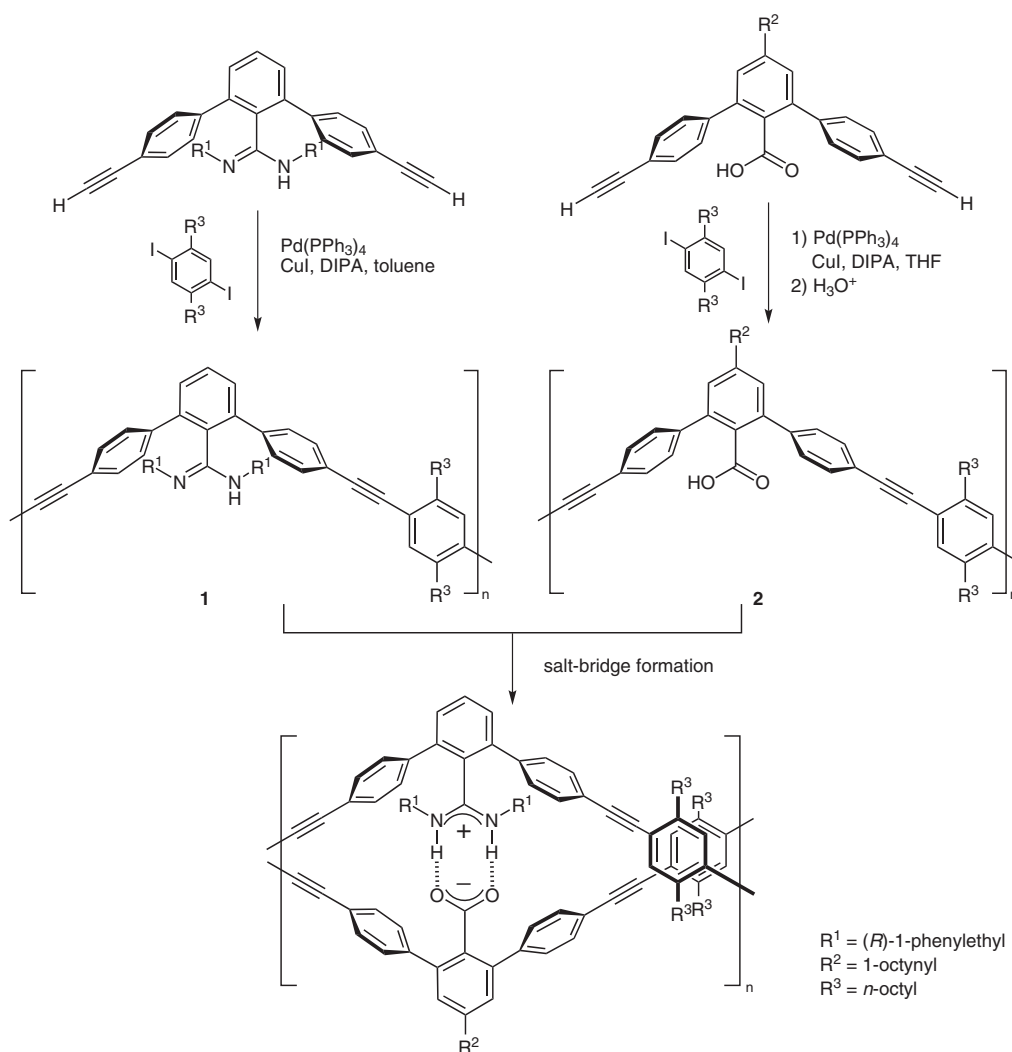


## Synthetic Double-Stranded Helical Polymers



**Significance:** Reported is the first synthetic hetero-strand double helical polymer. Two complementary homopolymers **1** and **2** assembled into a perfect double helix via an interstrand amidinium-carboxylate salt bridge in a polar solvent such as THF. The structure was verified by UV-Vis, CD, FT-IR, AFM and WAXD.

**Comment:** The authors reported a useful design rationale for the assembly of a multiple-component polymeric system. The helical structure may lead to new opportunities to materials research, such as enantioselective polymeric catalysis (*Angew. Chem. Int. Ed.* **2007**, *46*, 5885), facilitated energy-transfer processes, and improved mechanical strength.