An Extended Polythiophene with Interesting Core Synthesis

**Significance:** A novel extended polythiophene derivative 4 was synthesized ($M_n = 18$ kDa, $PDI = 2.3$). The key step in the monomer synthesis ($1 \rightarrow 2$) is accomplished in 78% yield by a novel base-induced cyclization.

**Comment:** The authors attempted to synthesize a homopolymer of the brominated analogue of 3 via a nickel-catalyzed dehalogenation, but a soluble polymer could not be obtained. The optical and electronic properties of 4 were found to be very similar to those of poly(3-hexylthiophene).