

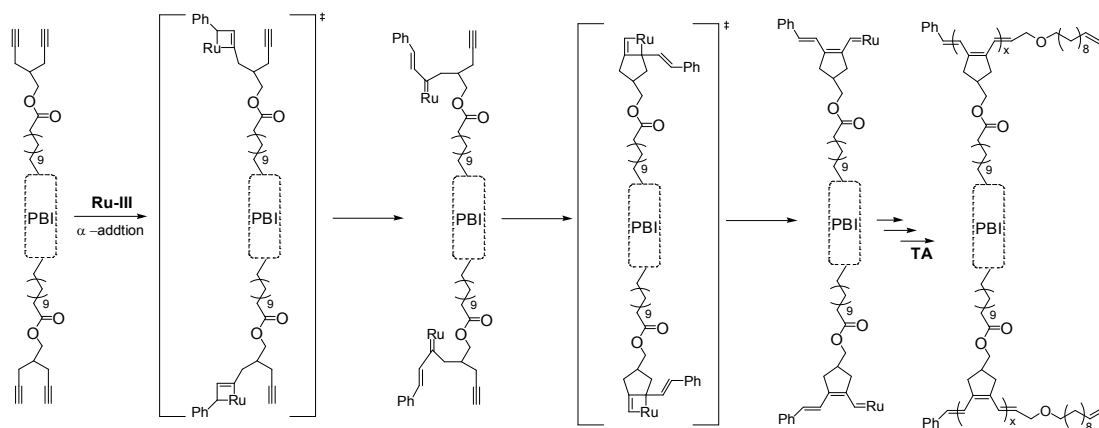
Supporting information for

Bridge-like polymer synthesized by tandem metathesis
cyclopolymerization and acyclic diene metathesis polymerization

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Scheme S1 Reaction of monomer **1** with catalyst **Ru-III** and conformation of ladder-like poly(**1**).

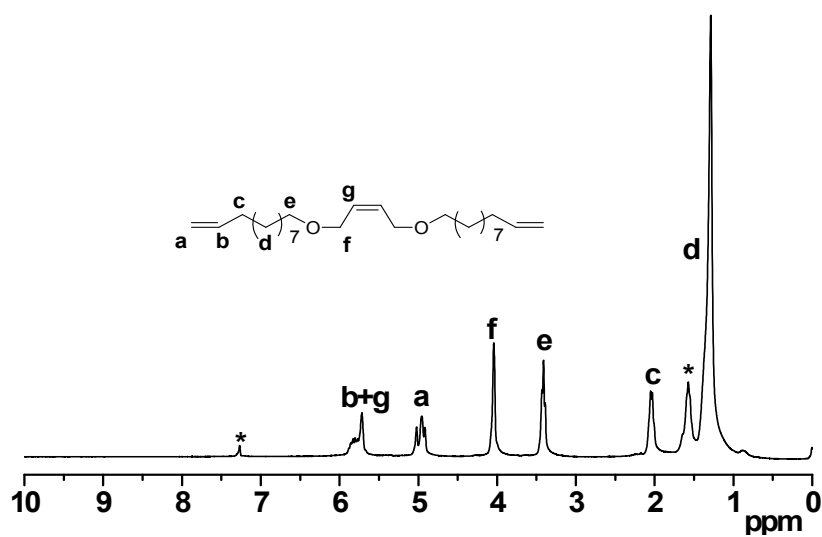


Fig. S1 ^1H NMR spectrum of TA (*denote solvent).

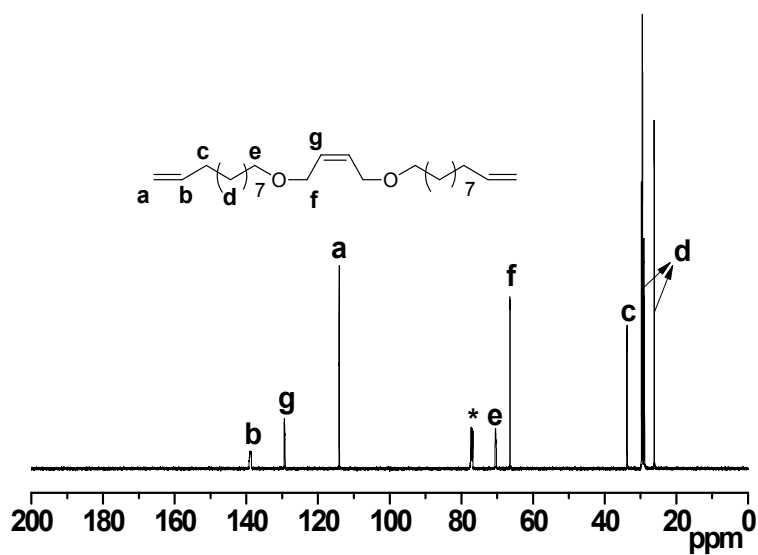


Fig. S2 ^{13}C NMR spectrum of TA (*denote solvent).

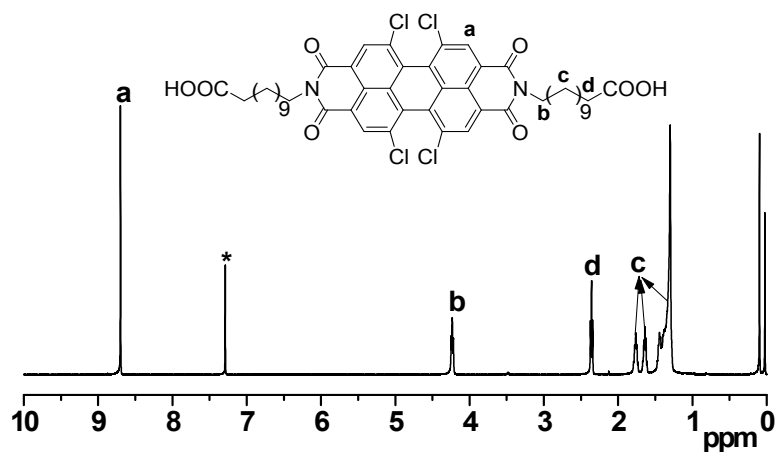


Fig. S3 ^1H NMR spectrum for PBI-COOH (*denote solvent).

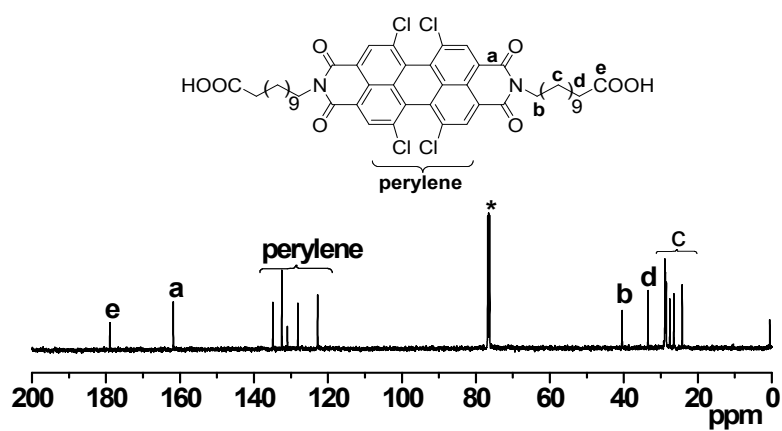


Fig. S4 ^{13}C NMR spectrum for PBI-COOH (*denote solvent).

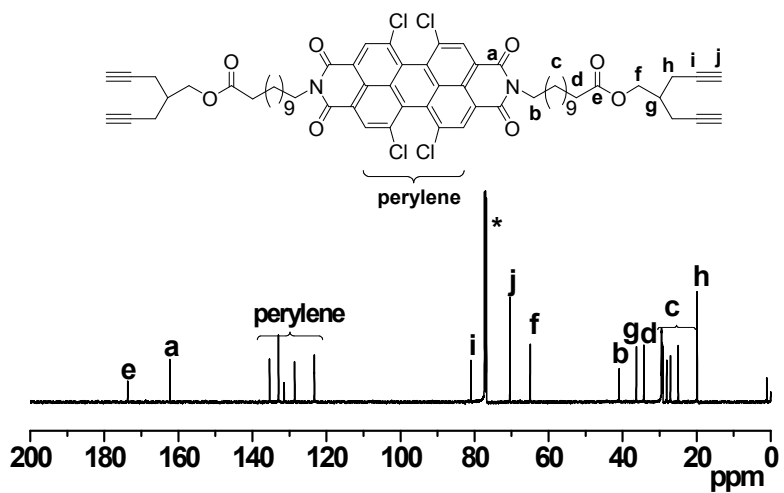


Fig. S5 ^{13}C NMR spectrum for monomer 1 (*denote solvent).

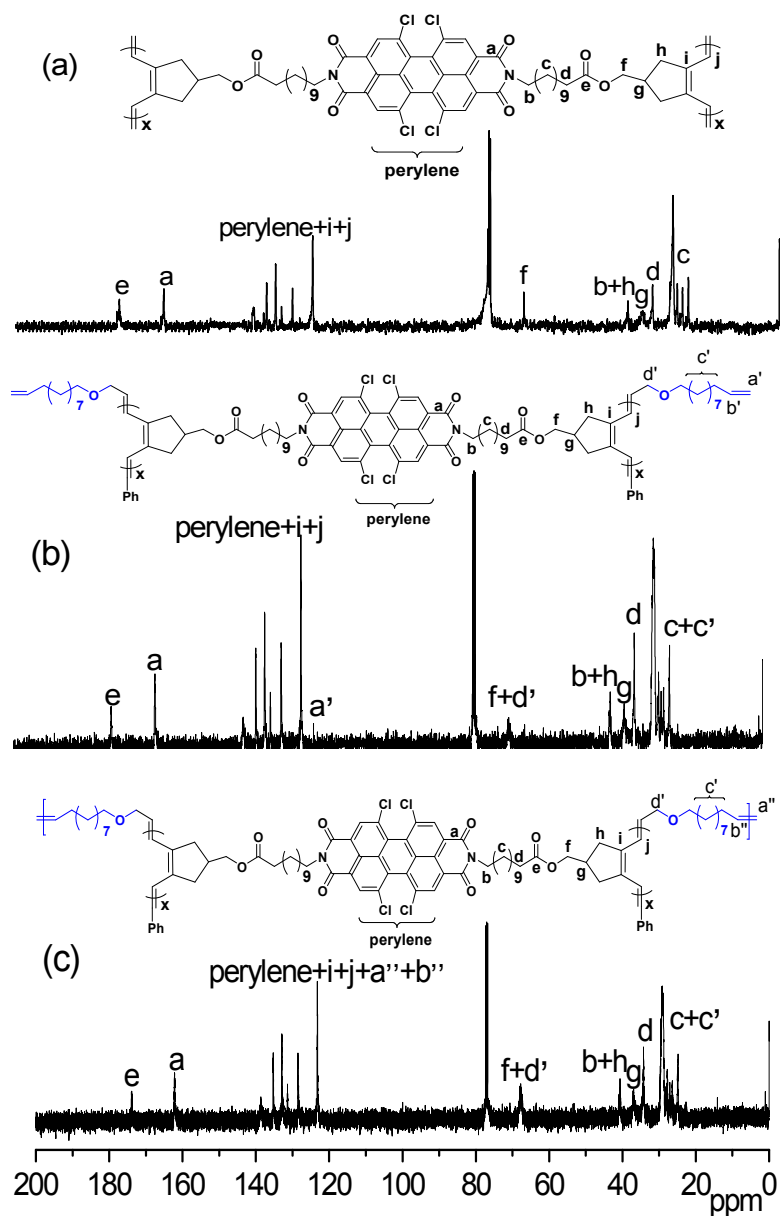


Fig. S6 ^{13}C NMR spectra of (a) poly(1)*, (b) poly(1), and (c) poly(2).

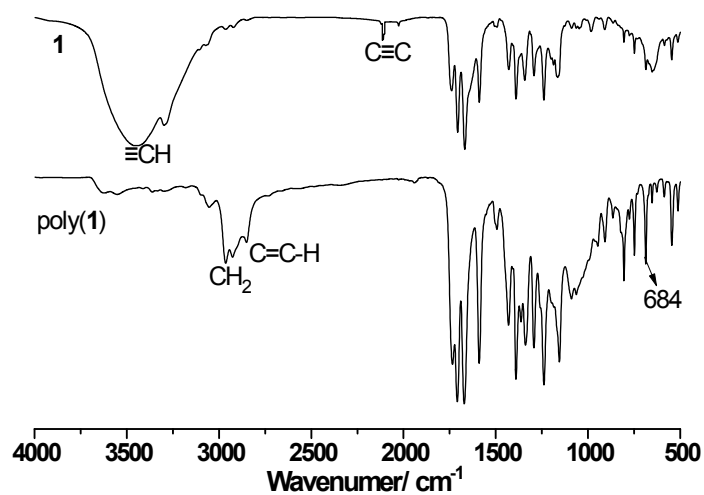


Fig. S7 IR spectra for 1 and poly(1).

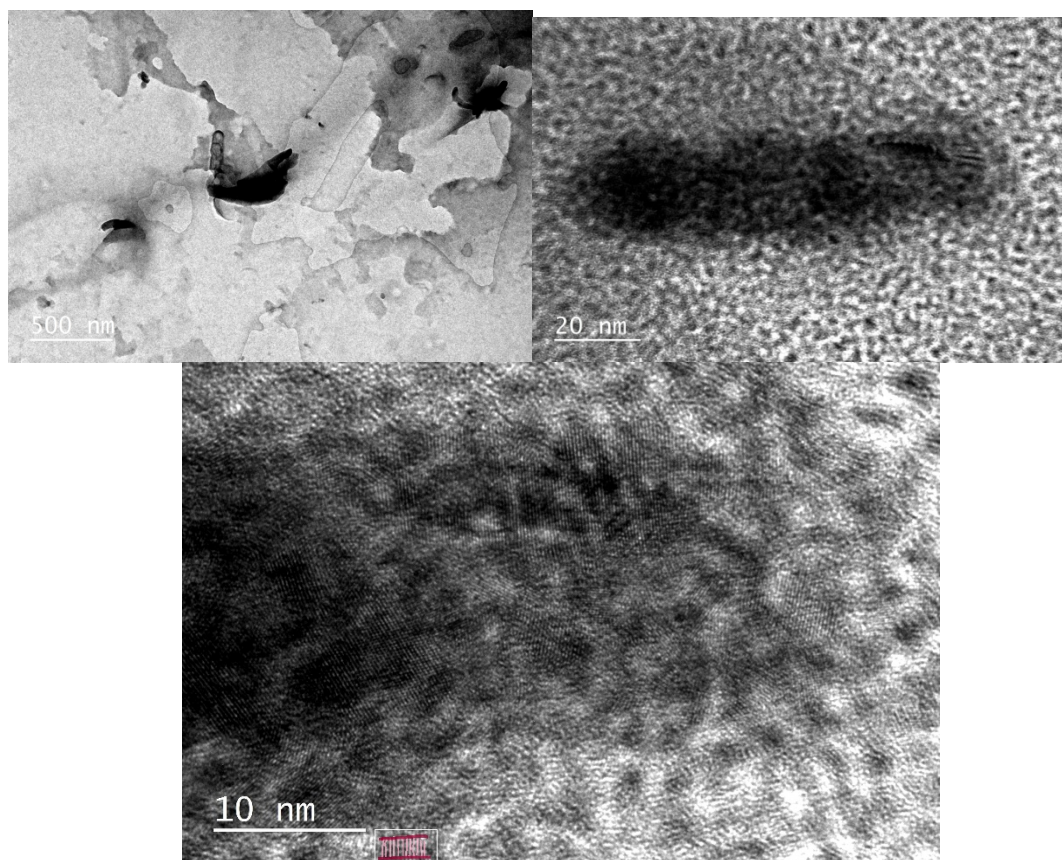


Fig. S8 HR-TEM images of poly(1).

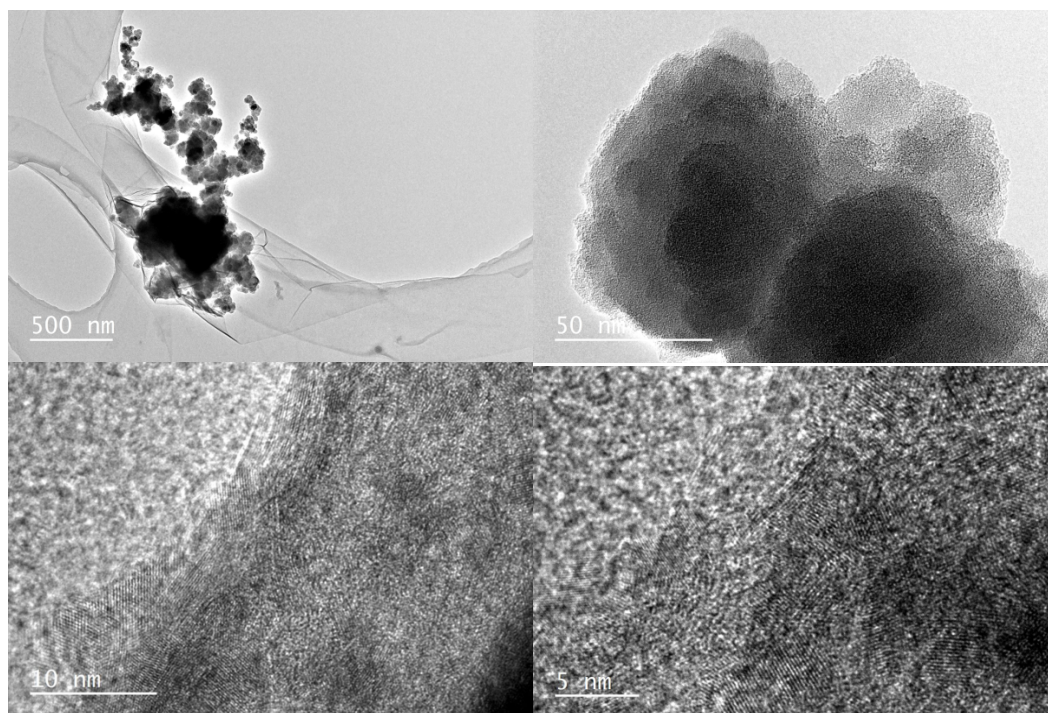


Fig. S9 HR-TEM images of poly(2).