

This ESI replaces the original version published on 06 Sep 2013

### Supporting Informations

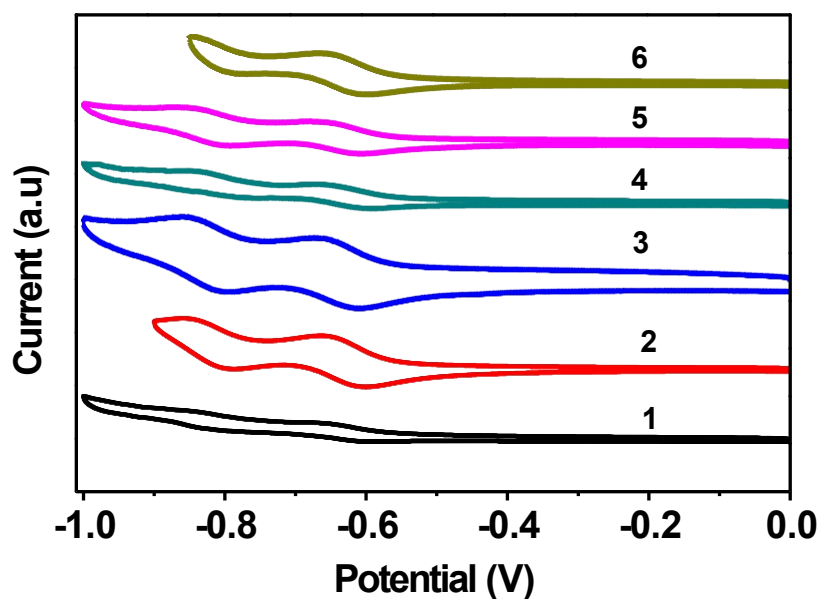


Figure S1. Cyclic voltammograms of PBICs 1-6.

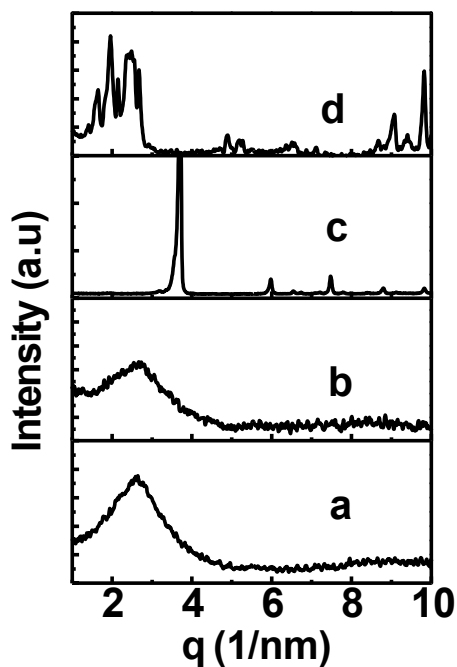


Figure S2. Temperature-dependent SAXS of PBIC 1: a. RT (isotropic); b. 220 °C (isotropic); c. cooling from 220 °C to 130 °C (hexagonal columnar phase); d. cooling from 130 °C to 50 °C (crystal).

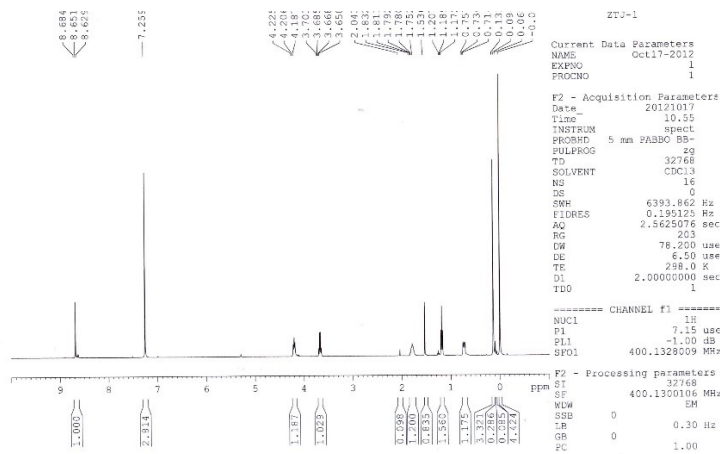


Figure S3. <sup>1</sup>H-NMR spectrum of PBICl 1.

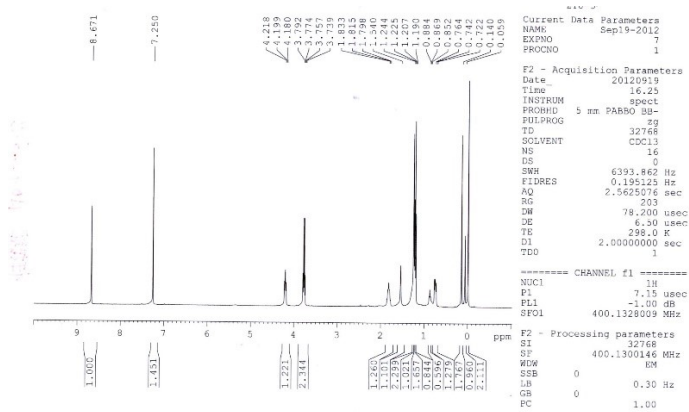


Figure S4. <sup>1</sup>H-NMR spectrum of PBICl 2.

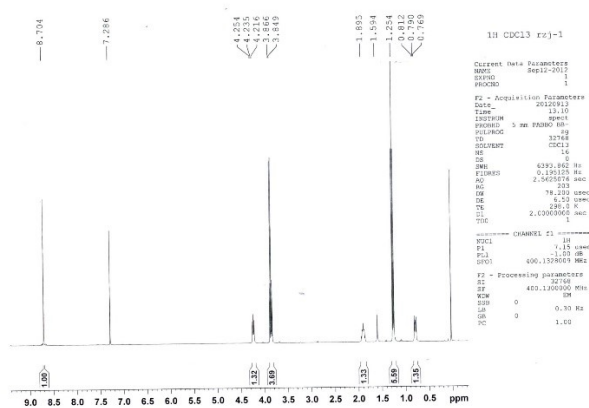


Figure S5. <sup>1</sup>H-NMR spectrum of PBICl 3.

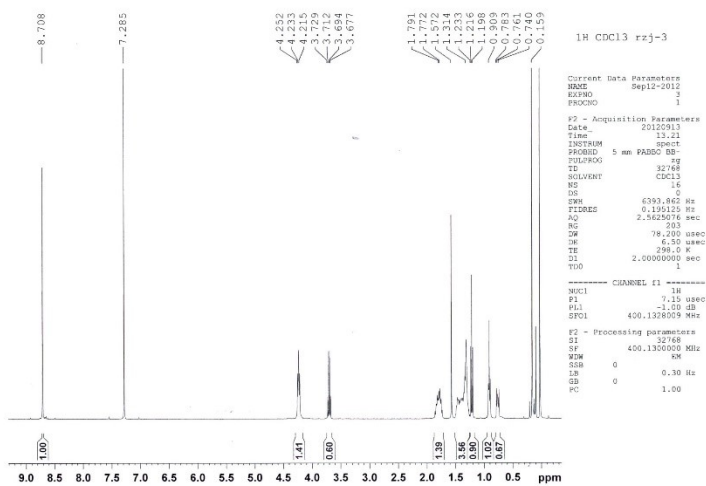


Figure S6. <sup>1</sup>H-NMR spectrum of PBIC1 4.

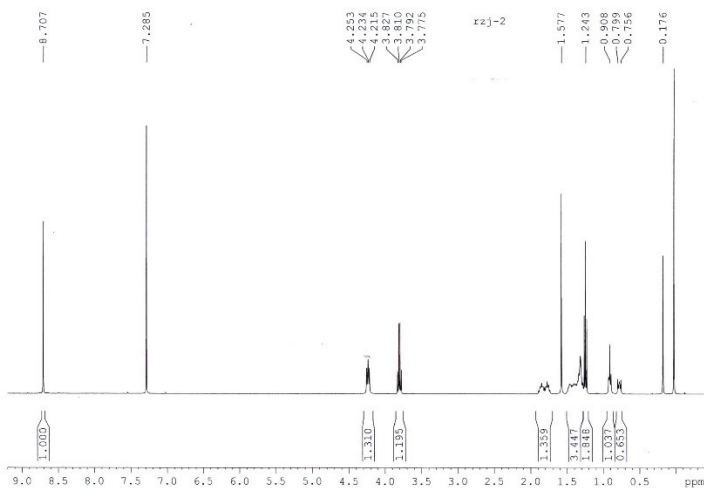


Figure S7. <sup>1</sup>H-NMR spectrum of PBIC1 5.

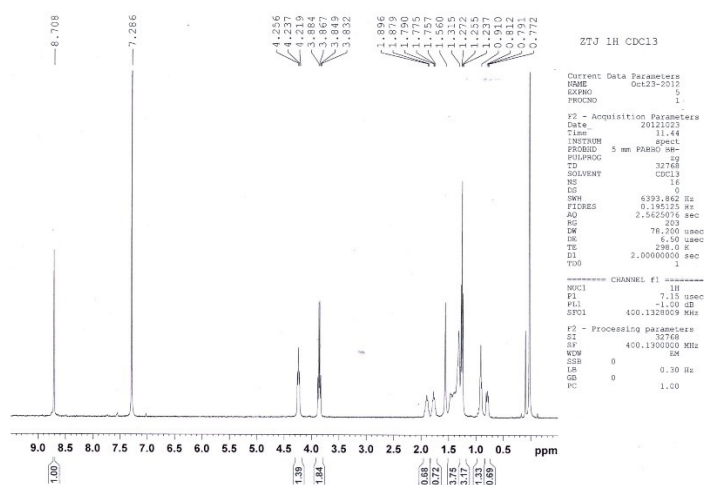


Figure S8. <sup>1</sup>H-NMR spectrum of PBIC1

