Supporting information

Morphology Control in TiO_2 Nanorod/Polythiophene Composites for Bulk Heterojunction Solar Cells using Hydrogen Bonding

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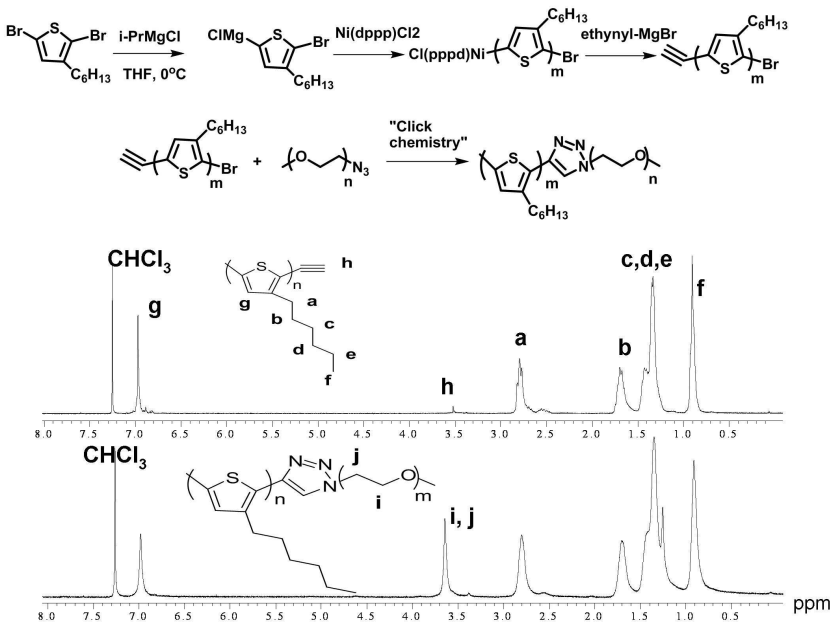

Figure S1. Synthetic route to P3HT-*b*-PEG block copolymer and NMR spectra of P3HT parent homopolymer and P3HT-b-PEG block copolymer (P2).

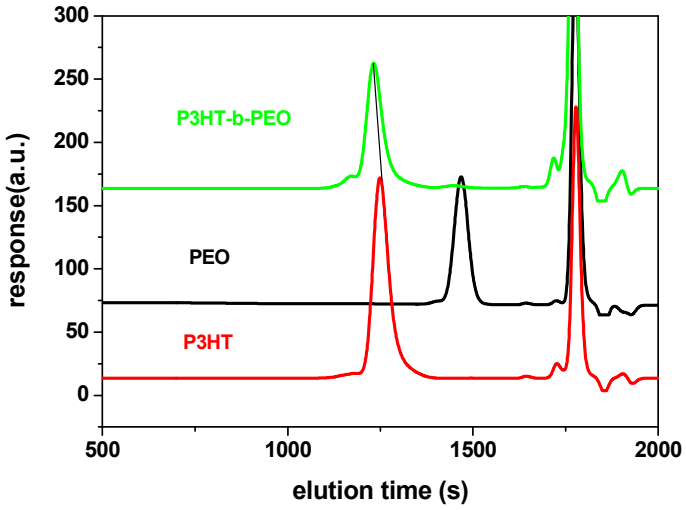

Figure S2. GPC profiles of the parent P3HT homopolymer and the block copolymer P3HT-*b*-PEG (P2).

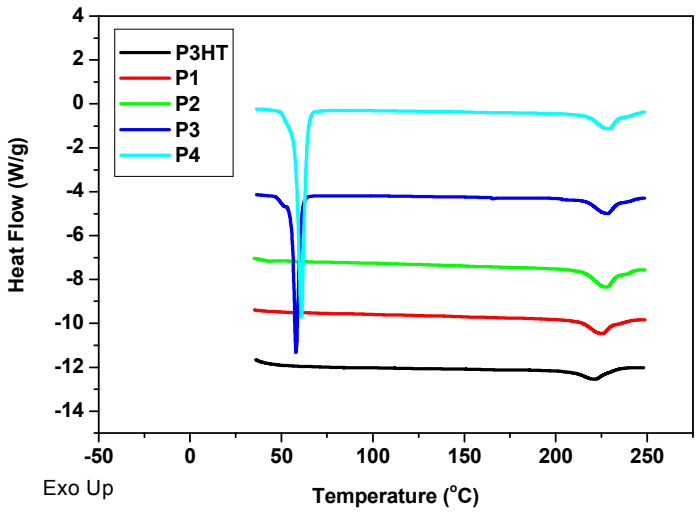

Figure S3. Overlay of DSC curves of P3HT and various P3HT-*b*-PEG.

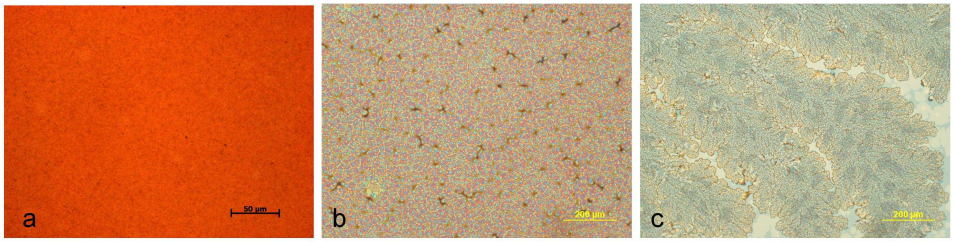

Figure S4. Optical micrographs of (a) P1 and P2, (b) P3, (c) P4 film at Si substrate without thermal annealing.