

Supporting Information

Self-Assembly of All-Conjugated Poly(3-alkylthiophene) Diblock Copolymer Nanostructures from Mixed Selective Solvents

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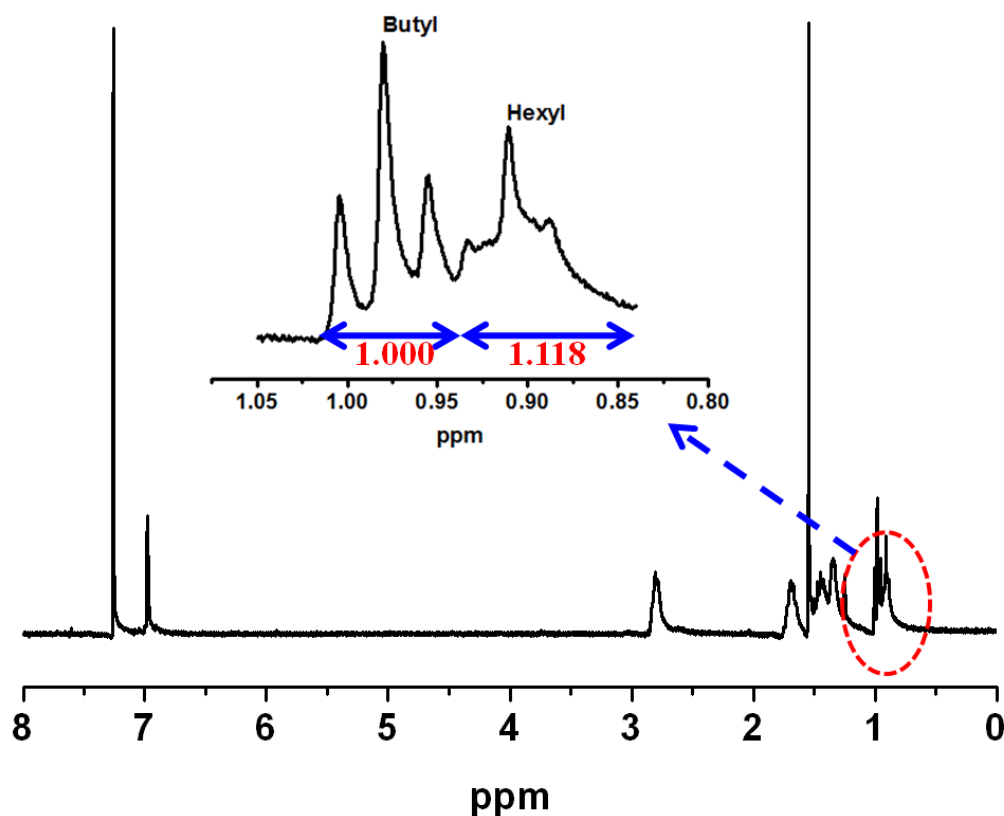


Figure S1. ^1H NMR spectrum of poly(3-butylthiophene)-b-poly(3-hexylthiophene) (P3BHT) diblock copolymer. The inset shows the terminal methyl groups of butyl and hexyl side chains at 0.98 ppm and 0.91 ppm. The molar ratio of butylthiophene block and hexylthiophene block is 1.000:1.118 in P3BHT can be calculated by integrating the area of peaks as shown in the inset.

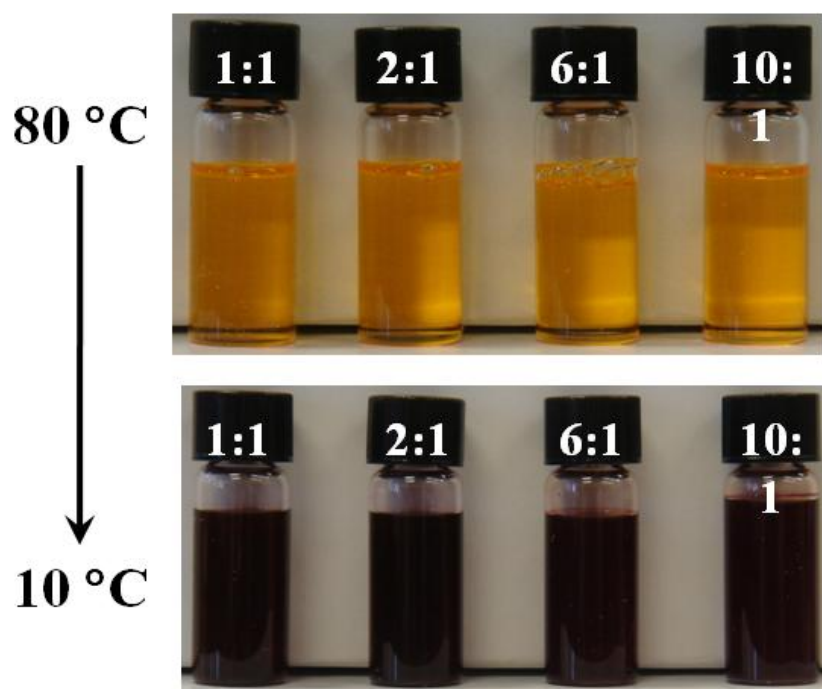


Figure S2. Digital images of the P3BHT anisole/chloroform solutions upon cooling from 80°C to 10°C. The ratios of anisole/chloroform by volume are 1, 2, 6, and 10. The concentration, $c = 0.2$ mg/ml in all solutions.