

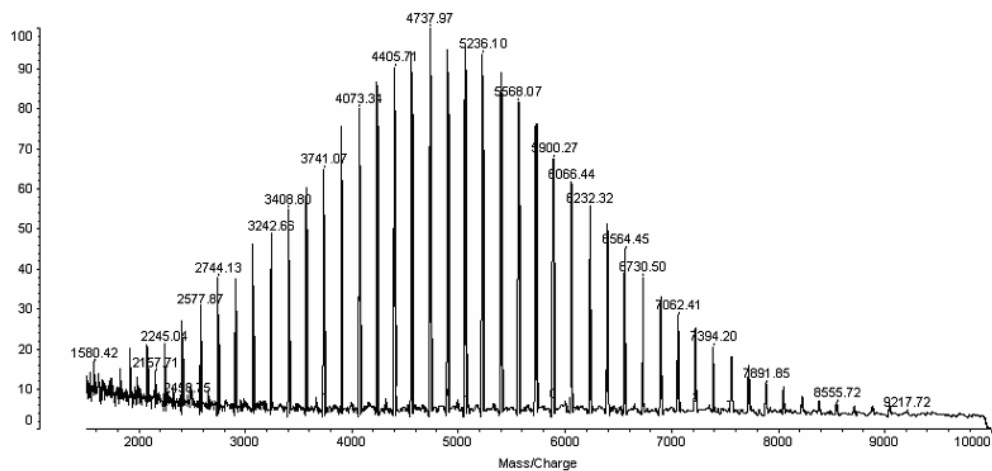
Supporting Information

Catalyst-Transfer Polycondensation. Mechanism of Ni-Catalyzed Chain-Growth Polymerization Leading to Well-defined Poly(3-hexylthiophene)

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(a)



(b)

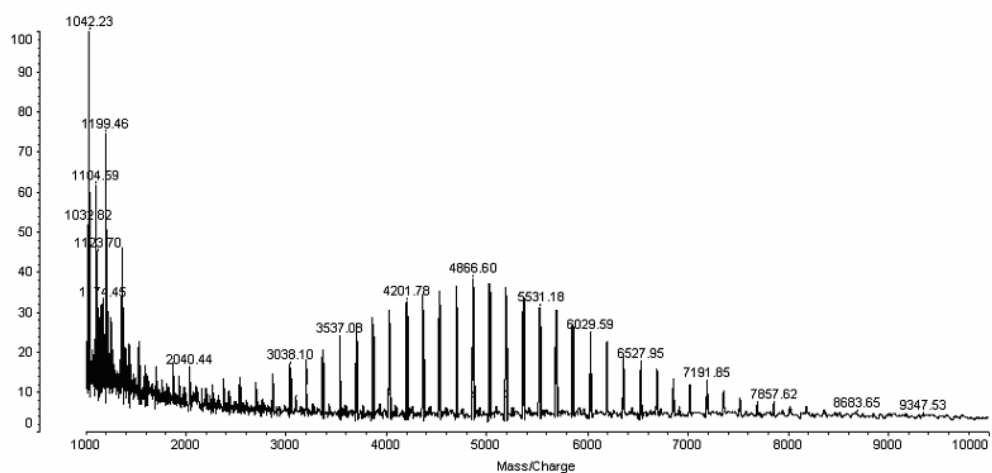


Figure S1. MALDI-TOF mass spectra of HT-P3HT obtained by (a) polymerization of **1** with 1.94 mol % of Ni(dppp)Cl₂ for 30 min and (b) reaction with 3,4-dimethylphenylmagnesium chloride.

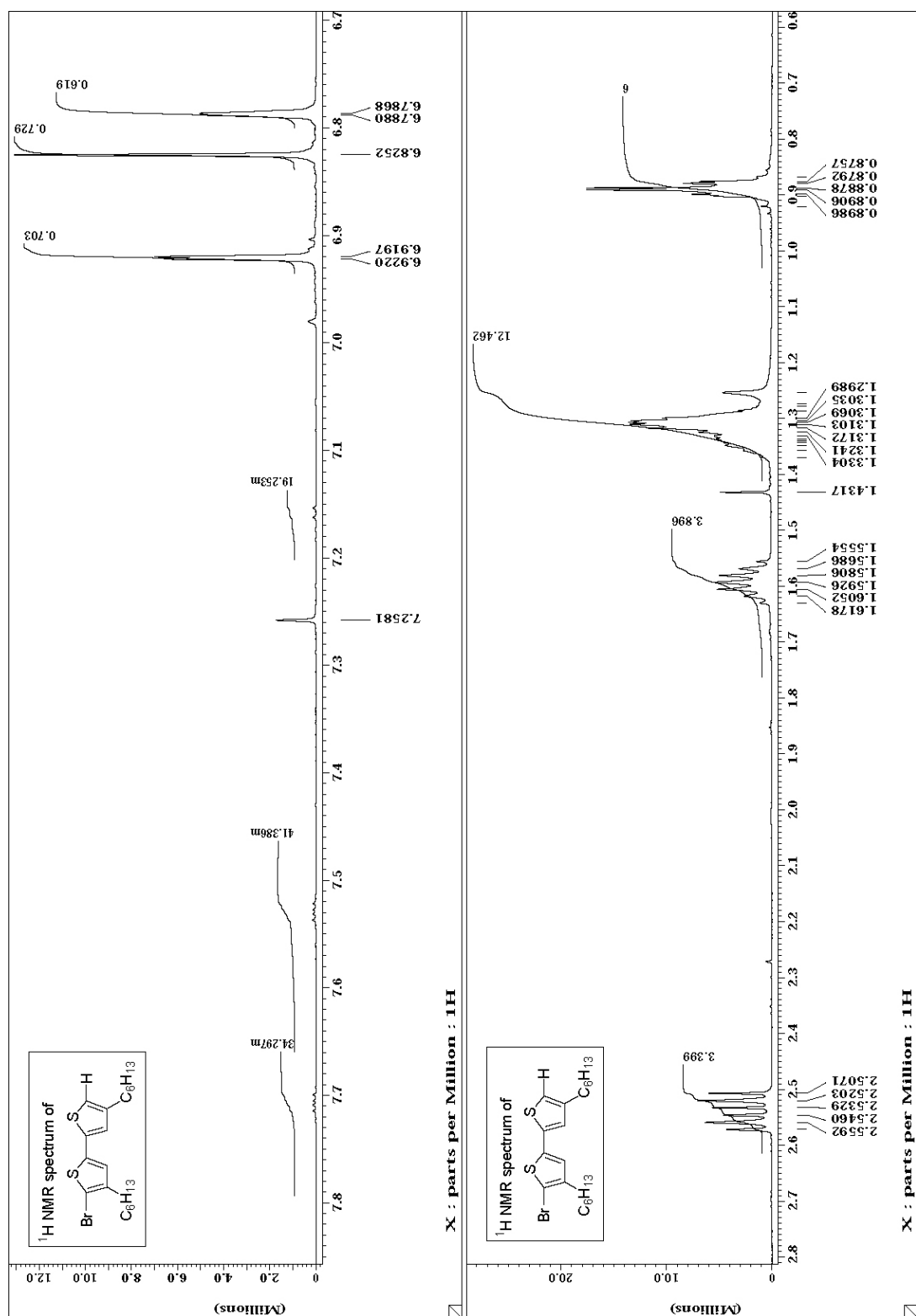


Figure S2. ^1H NMR spectra of 6.

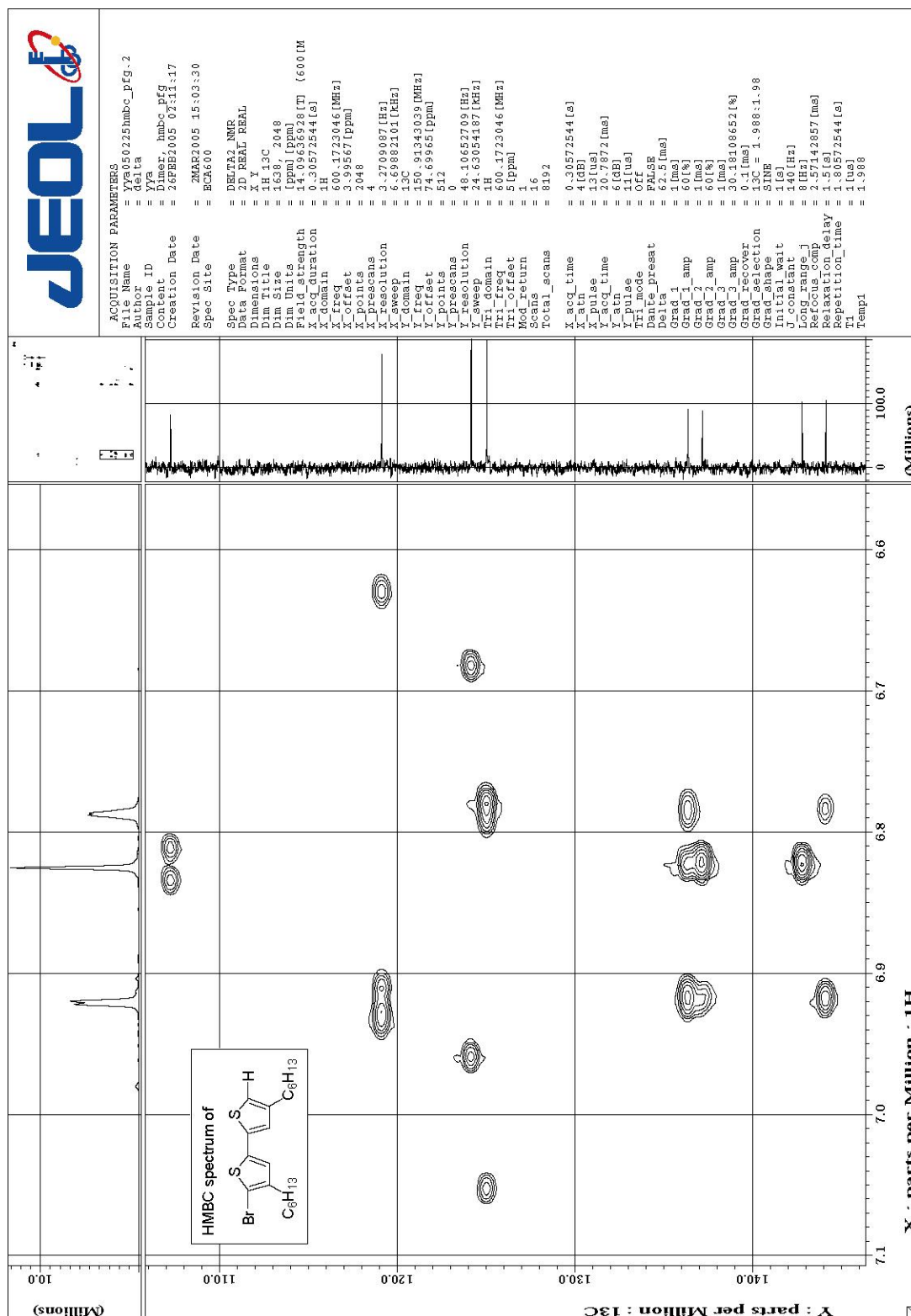


Figure S3. The two-dimensional HMBC NMR spectra of 6.