

Supporting Information

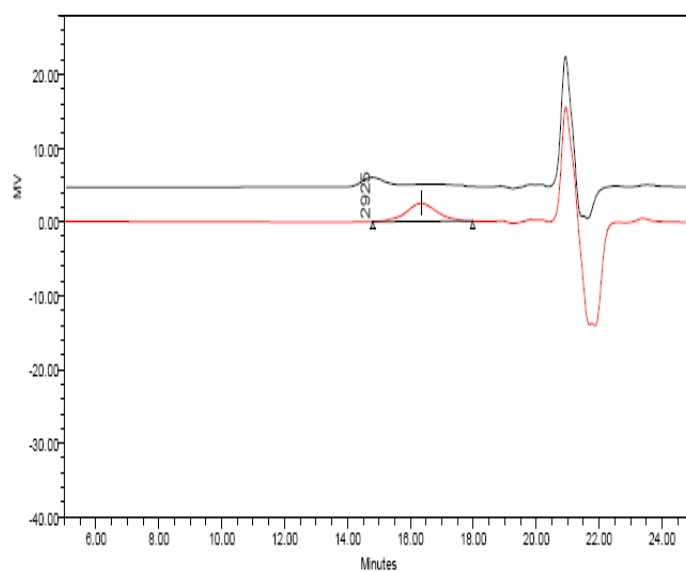
High Efficient P3HT : C60 Solar Cell Free of Annealing Process

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	M_w	M_n	PDI
P3BrHT	3131	2636	1.19
P3BrHT-b-P3HT	11422	10693	1.07

Figure S1. GPC profiles of living P3BrHT (red line) and P3BrHT -b-P3HT (black line)

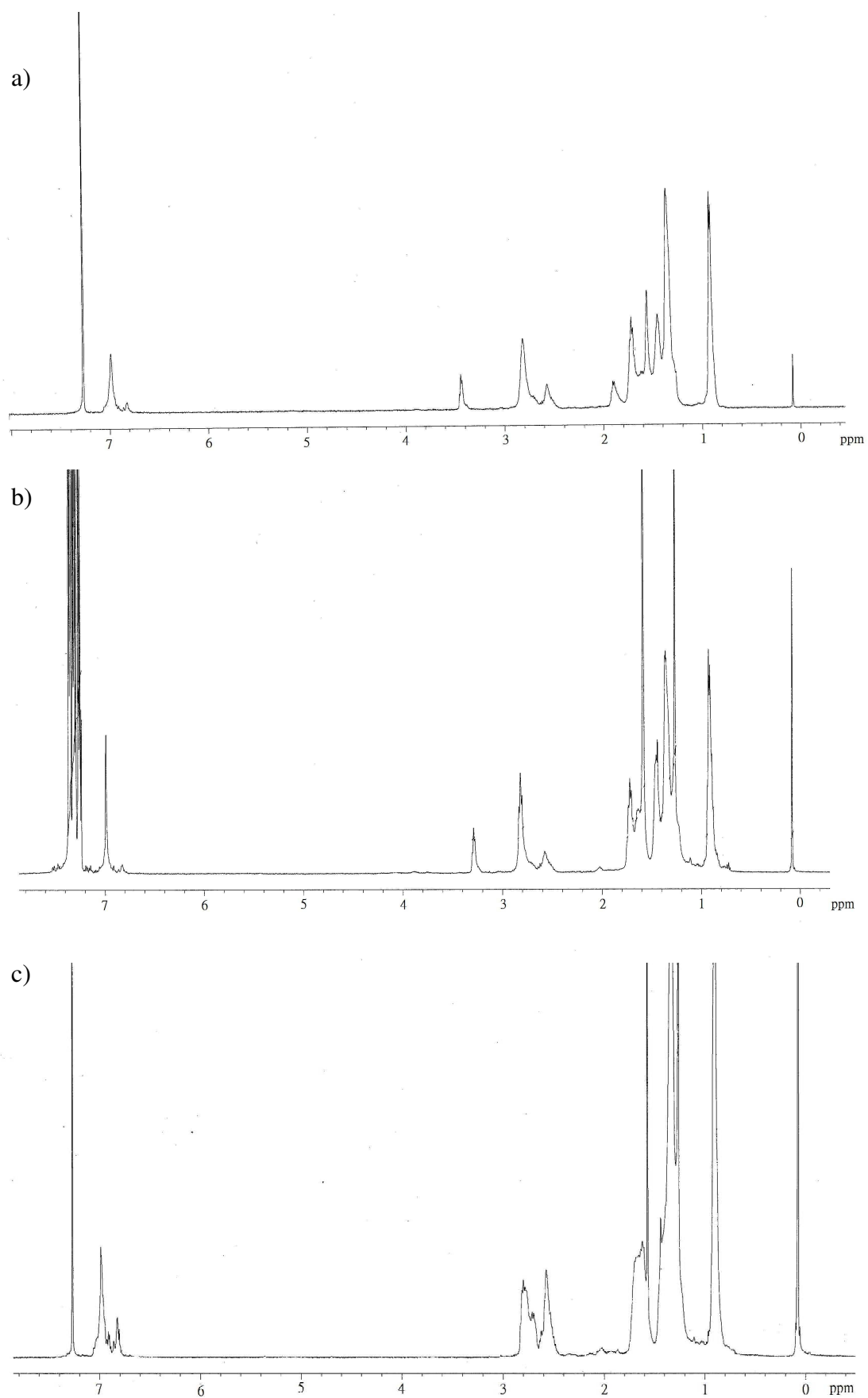


Figure S2. ^1H -NMR spectra of (a) P3BrHT-b-P3HT, (b) P3N₃HT-b-P3HT, (c) P3C₆₀HT-b-3HT

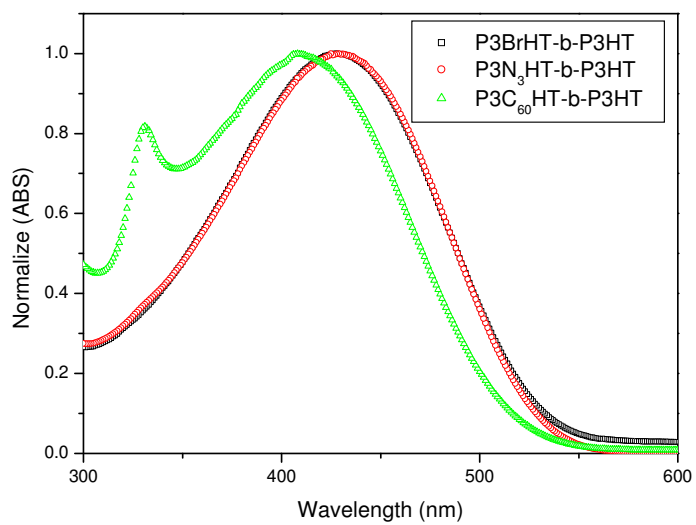


Figure S3. UV-vis spectra of $P3BrHT$ - b - $P3HT$ ($\square$), $P3N_3HT$ - b - $P3HT$ ($\diamond$) and $PC_{60}HT$ - b - $P3HT$ ($\triangle$) in chloroform solution