Electronic Supplementary Material (ESI) for Polymer Chemistry

Evaluation of thiocarbonyl and thioester moieties as thiol protecting groups for controlled radical polymerization

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Supporting Information

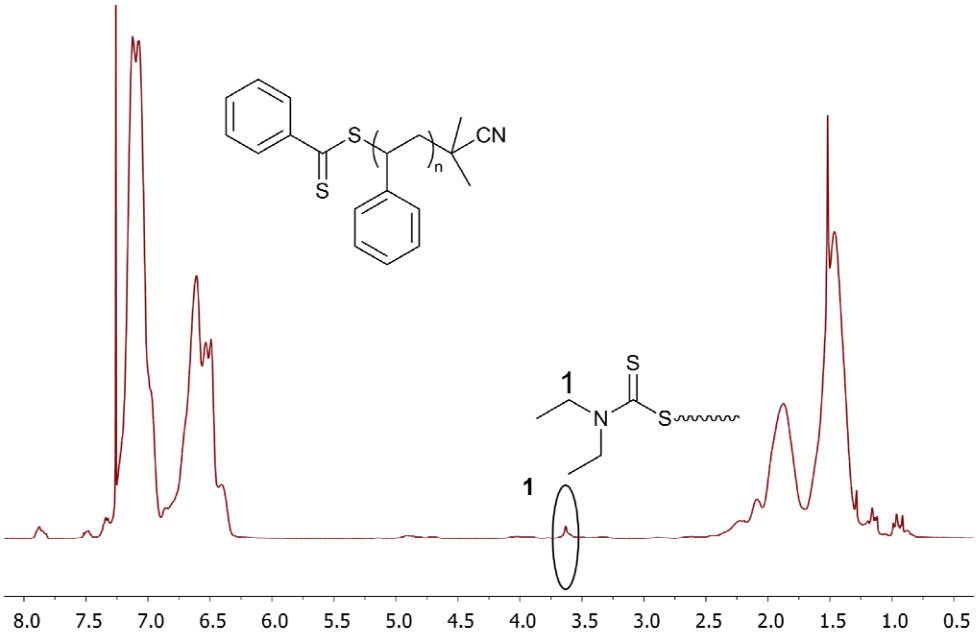

Figure S1 ^{1}H NMR spectrum of **P1**

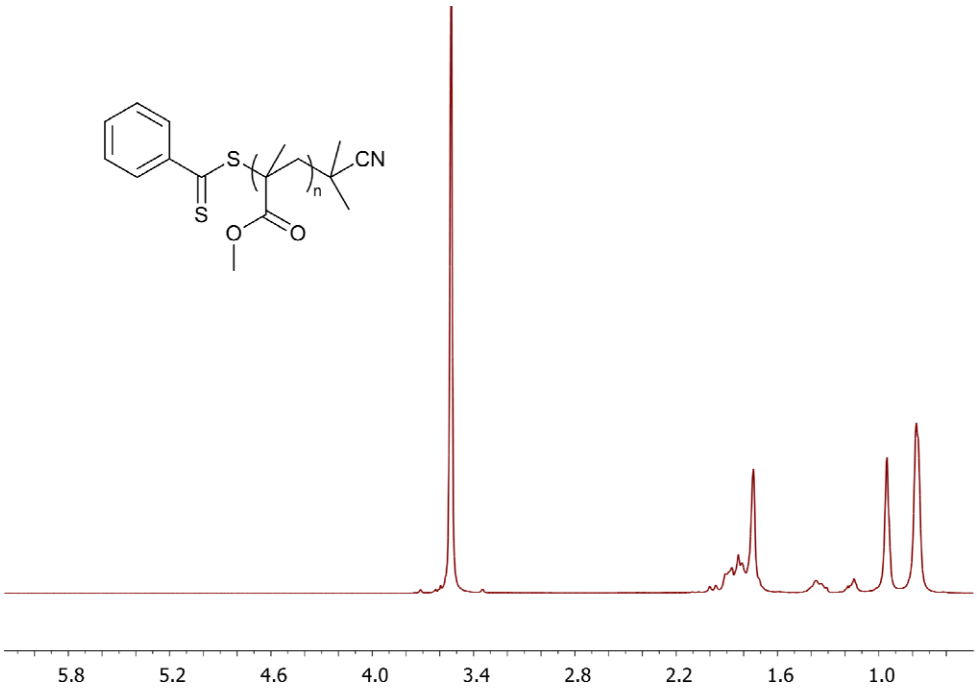

Figure S2 ^{1}H NMR spectrum of **P2**

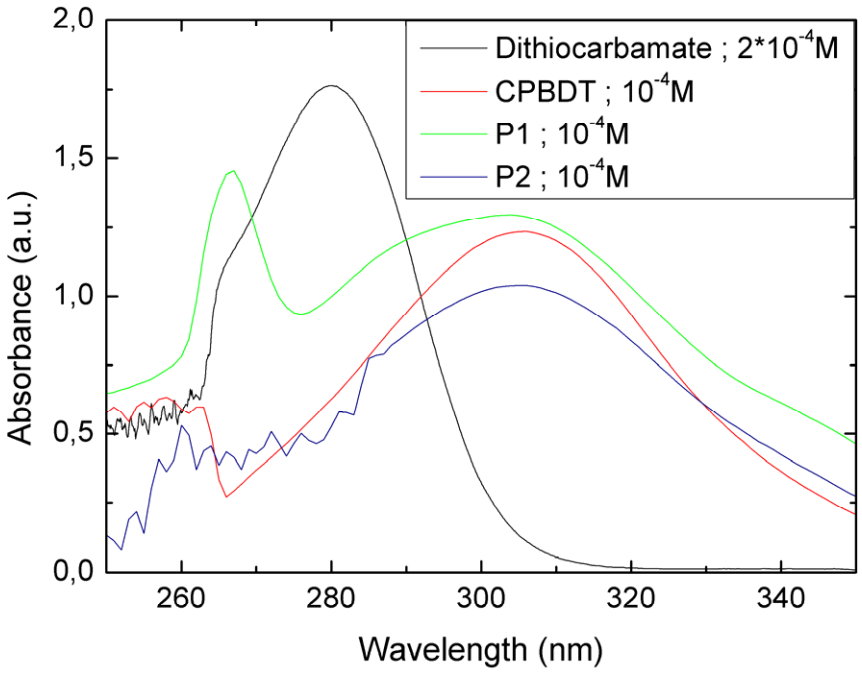

Figure S3 UV/Vis spectra of the dithiocarbamate model molecule (2×10^{-4} M in DMF), CPBDT (10^{-4} M in DMF), **P1** (10^{-4} M in DMF) and **P2** (10^{-4} M in DMF).

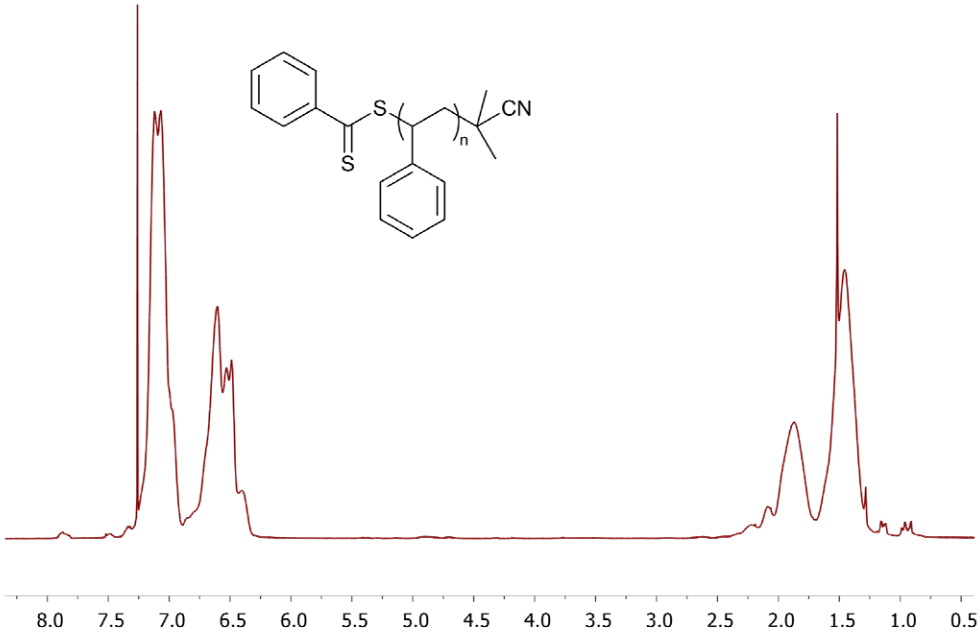

Figure S4 ^{1}H NMR spectrum of **P4**

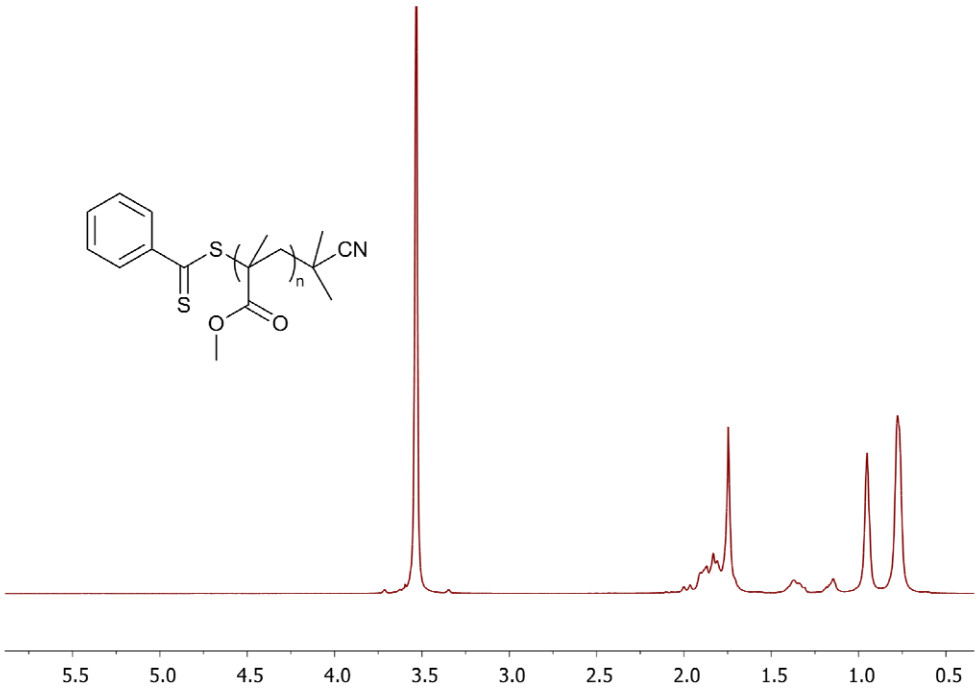

Figure S5 ^{1}H NMR spectrum of **P5**

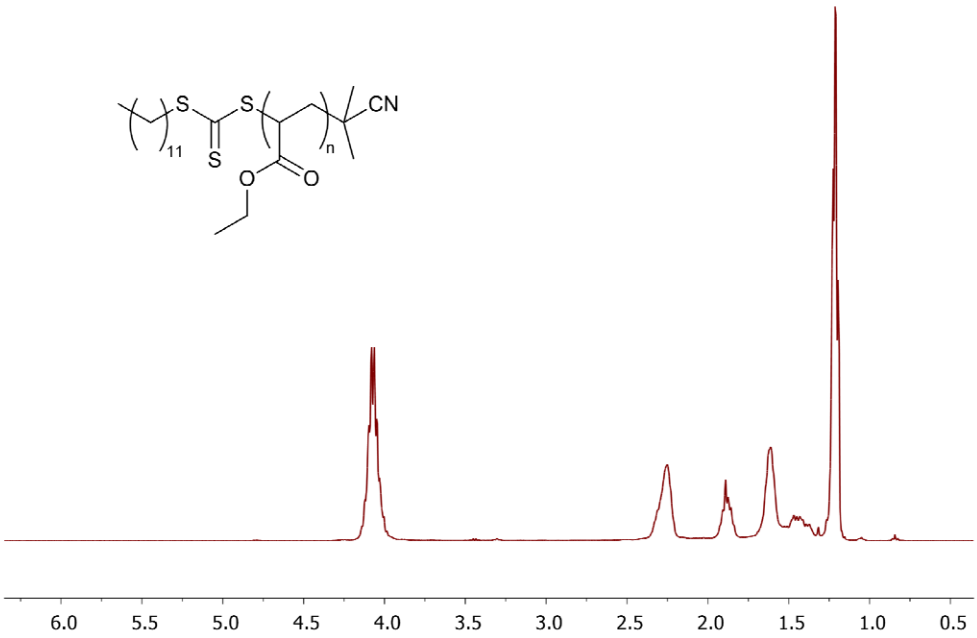

Figure S6 ^{1}H NMR spectrum of **P6**

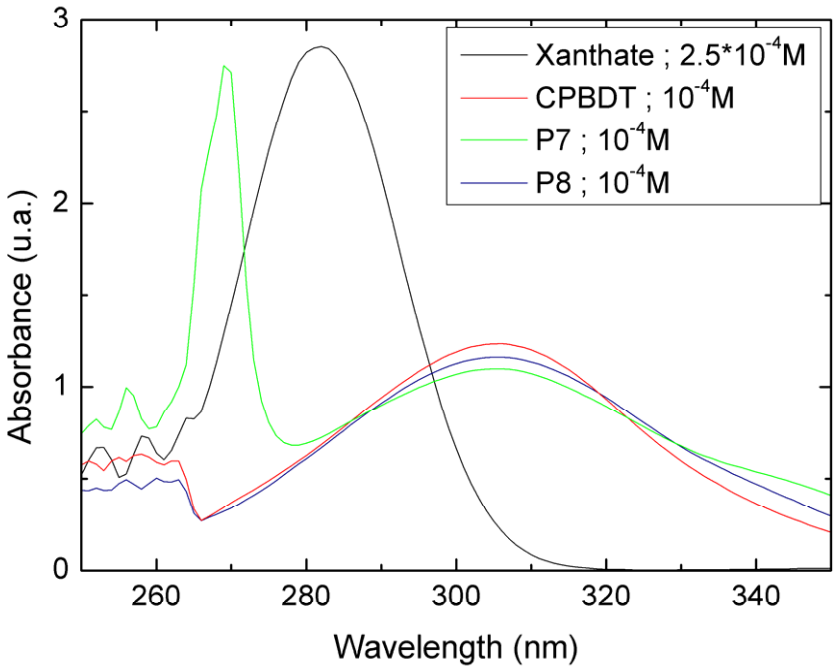

Figure S7 UV/Vis spectra of the xanthate model molecule (2.5×10^{-4} M in DMF), CPBDT (10^{-4} M in DMF), **P7** (10^{-4} M in DMF) and **P8** (10^{-4} M in DMF).

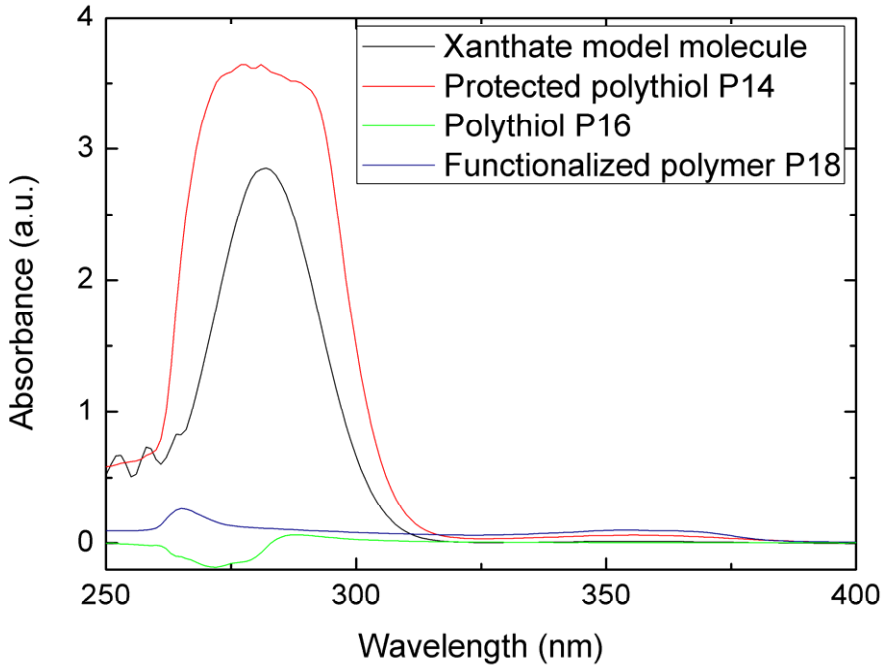

Figure S8 UV/Vis spectra of the xanthate model molecule (2.5×10^{-4} M in DMF), **P14** (10^{-4} M in DMF), **P17** (10^{-4} M in DMF) and **P18** (10^{-4} M in DMF).