

Supplementary materials

Synthesis and Self-Assembly of Multistimulus-Responsive Azobenzene-Containing Diblock Copolymer through RAFT Polymerization

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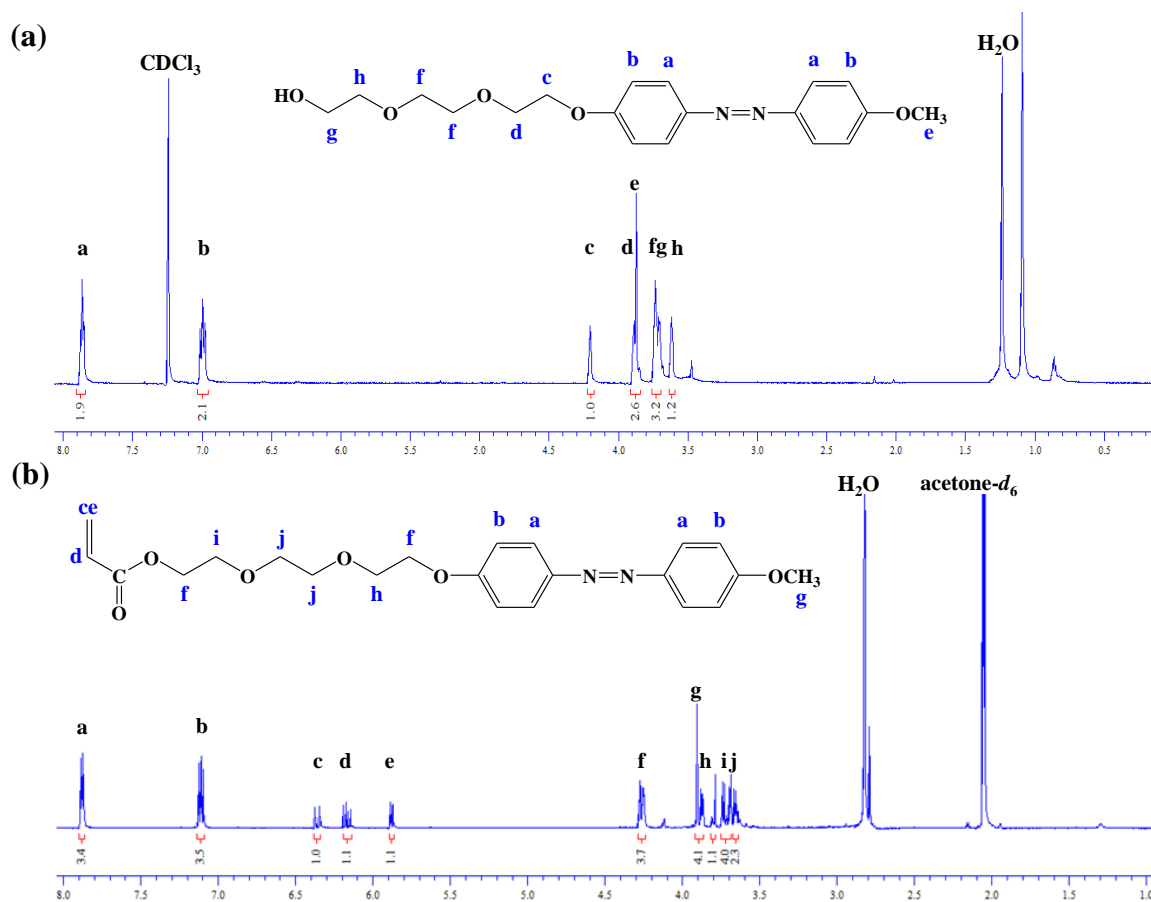


Figure S1. ^1H NMR spectra of azobenzene compounds (a) 1 and (b) 2.

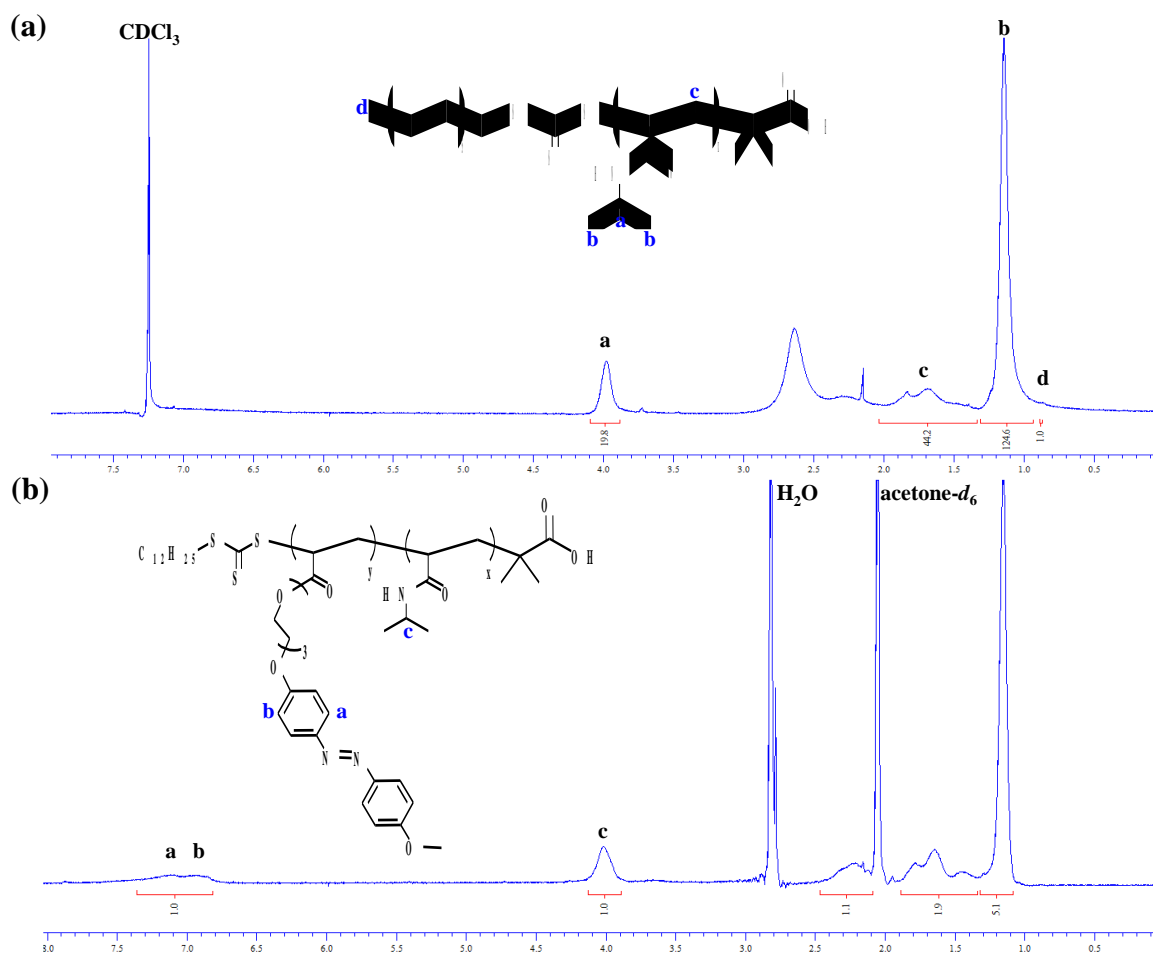


Figure S2. ^1H NMR spectra of polymers (a) NIPAM macro-CTA and (b) poly(NIPAM-*b*-Azo).

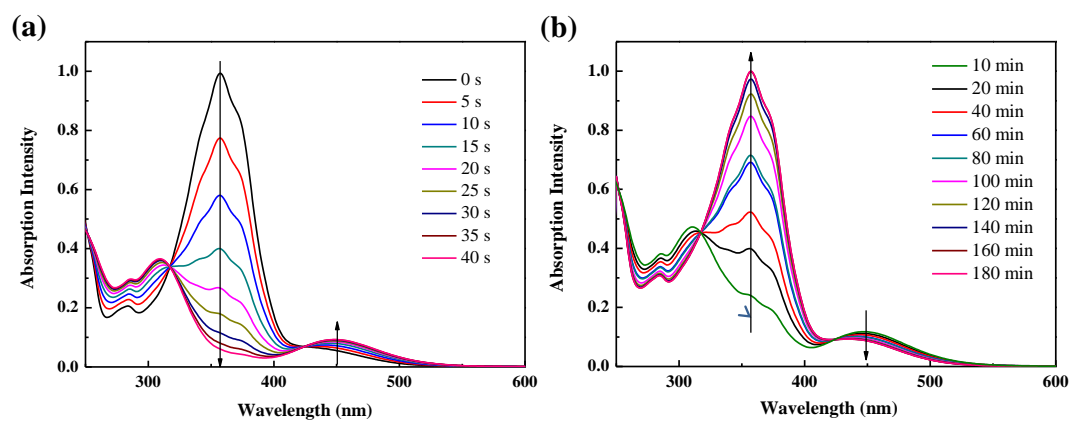


Figure S3. (a) UV-vis spectra of Azo monomer under various irradiation durations and (b) stability of the UV-vis spectra of Azo monomer in the dark.

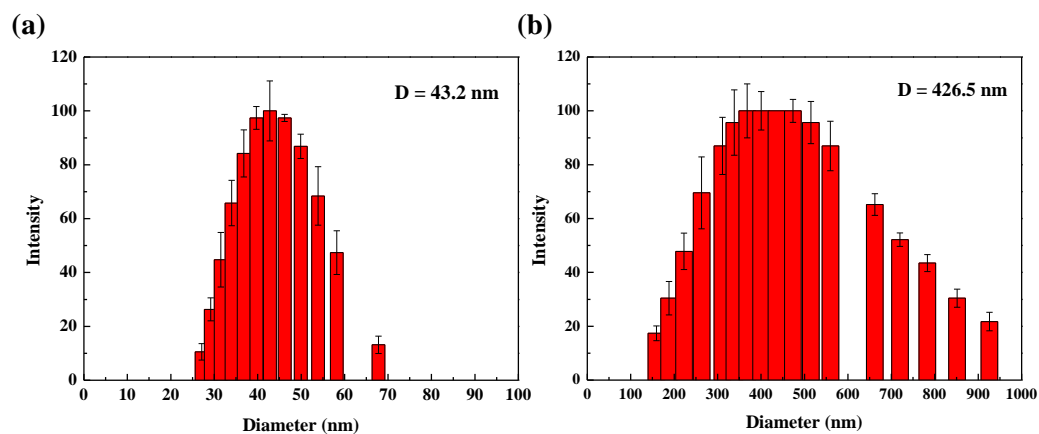


Figure S4. Particle size distributions of poly(NIPAM) at (a) 25 and (b) 40 °C.

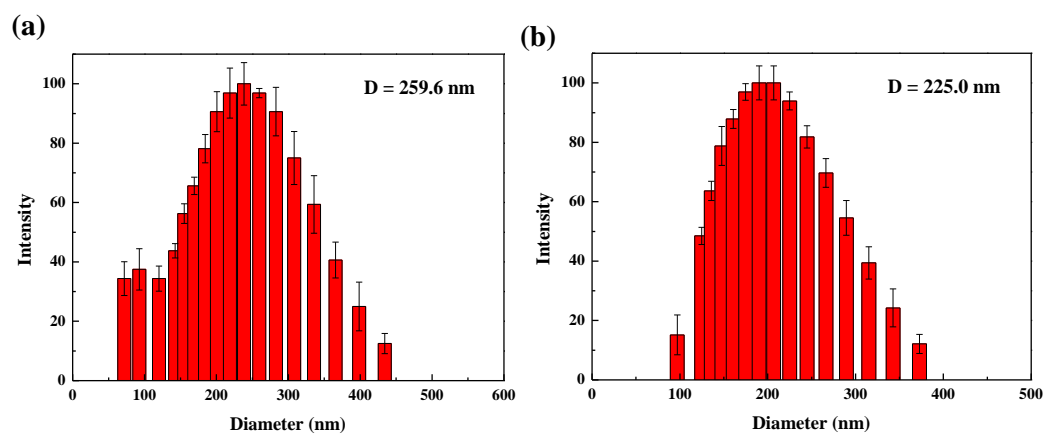


Figure S5. Particle size distributions of poly(NIPAM-*b*-Azo) after chelation of (a) Ba²⁺ and (b) Ru³⁺. Metal ion concentration in water: 1.0×10^{-4} M.