Synthesis and self-assembly of CO₂-responsive dendronized triblock copolymers

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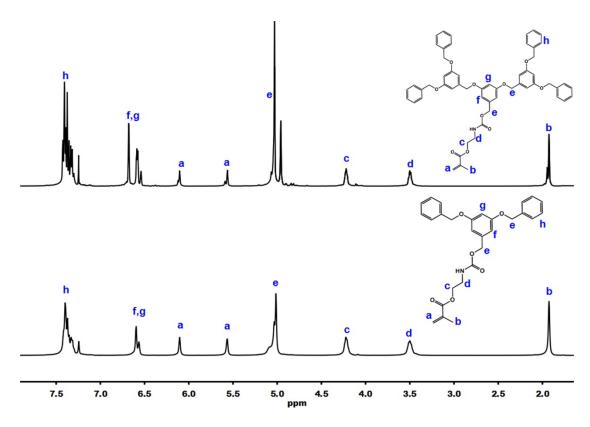


Figure S1. ¹H NMR spectra of macromonomers 3 and 4.

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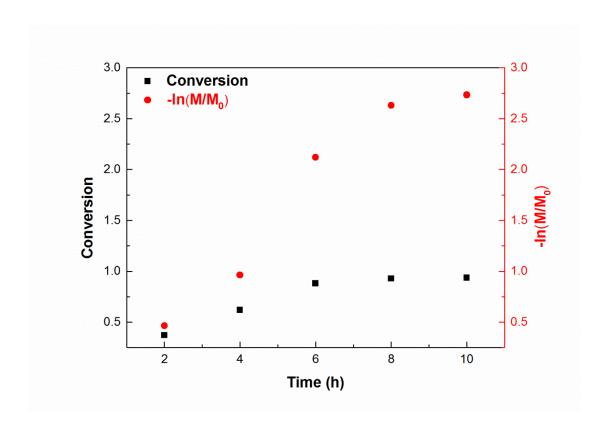


Figure S2. Monomer conversion versus time and pseudo-first-order kinetic plot for RAFT polymerization of OEGMA at 70 °C in toluene with CPADB as the RAFT agent and [AIBN]/[CPADB]/[OEGMA] =1/6/150.

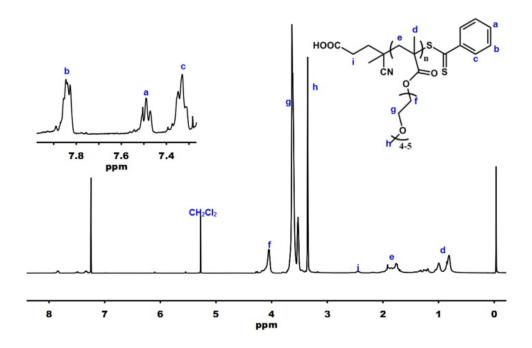


Figure S3. ¹H NMR spectra of POEGMA.

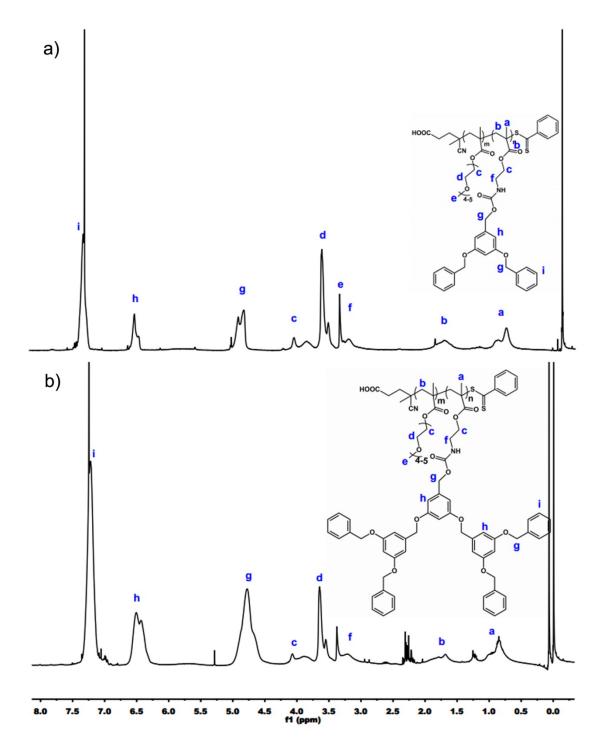


Figure S4. ¹H NMR spectra of a) POEGMA-*b*-P(G1) and b) POEGMA-*b*-P(G2).

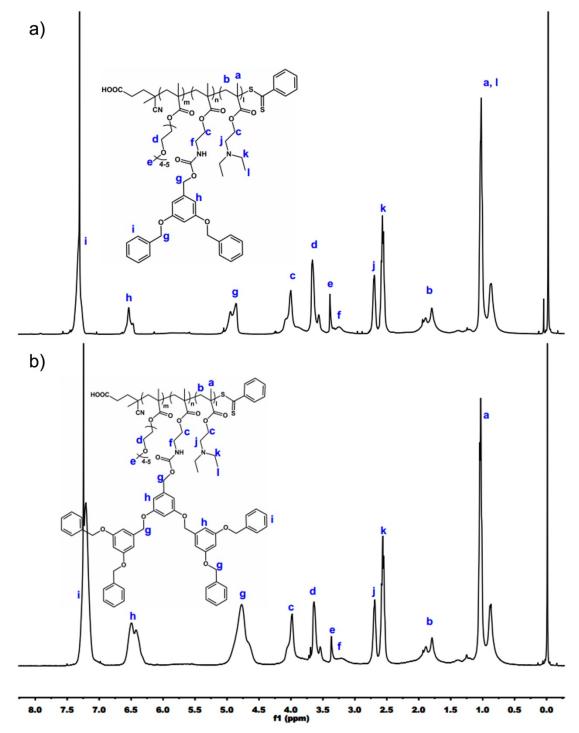


Figure S5. ¹H NMR spectra of a) POEGMA-*b*-P(G1)-*b*-PDEAEMA, and b) POEGMA-*b*-P(G2)-*b*-PDEAEMA.

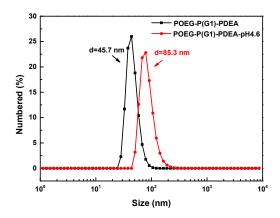


Figure S6. Size variation of POEGMA-b-P(G1)-b-PDEAEMA (DMF/H₂O) upon tuning pH to 4.6 by HCl.

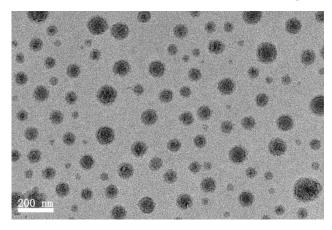


Figure S7. TEM photograph of POEGMA-*b*-P(G1)-*b*-PDEAEMA micelles (DMF/H₂O) upon tuning pH to 4.6 by HCl.