

Preparation of Shell Cross-linked Nanoparticles via Miniemulsion RAFT Polymerization

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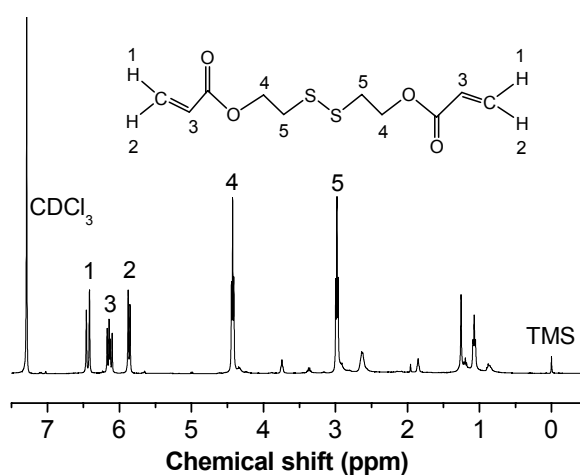


Fig S1. ¹H NMR spectrum of bis(acryloxyethyl) disulfide (BAEDS) in CDCl₃.

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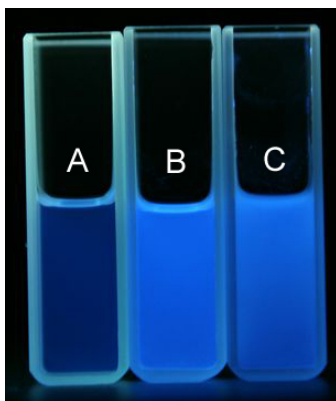


Fig S2. The illumination photograph of PDMAEMA-*b*-PS (B) and the synthesized shell cross-linked nanoparticles (C) in CHCl₃ under a mixture of 254 nm and 365 nm irradiation (A is for pure CHCl₃).



Fig S3. The illumination photograph of PDMAEMA-*b*-PS nanoparticles in CHCl₃ with different concentrations under a mixture of 254 nm and 365 nm irradiation (A: 0.005g/mL, B: 0.001g/mL, C: 0.0002g/mL).

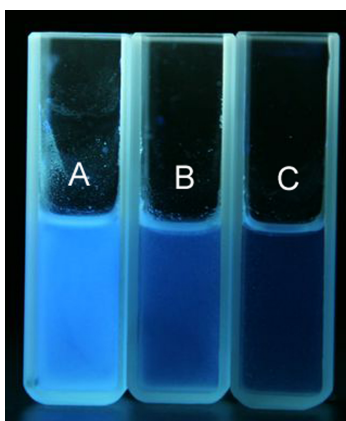


Fig S4. The illumination photograph of the synthesized shell cross-linked nanoparticles in CHCl₃ with different concentrations under a mixture of 254 nm and 365 nm irradiation (A: 0.005g/mL, B: 0.001g/mL, C: 0.0002g/mL).