

Supporting Information:

Novel Amphiphilic and Photo-Responsive ABC 3-Miktoarm Star Terpolymer: Synthesis, Self-Assembly and Photo-Responsive Behavior

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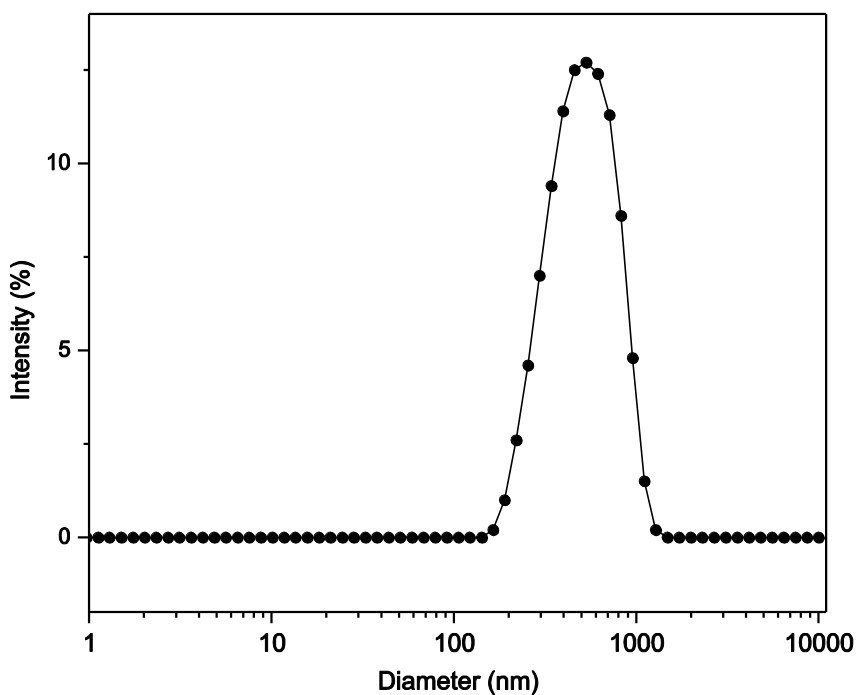


Figure S1. The self-assembled aggregate size distribution profile of (MPEG₁₁₄)(PS₄₅)(PMMAZO₅₇) determined by DLS.

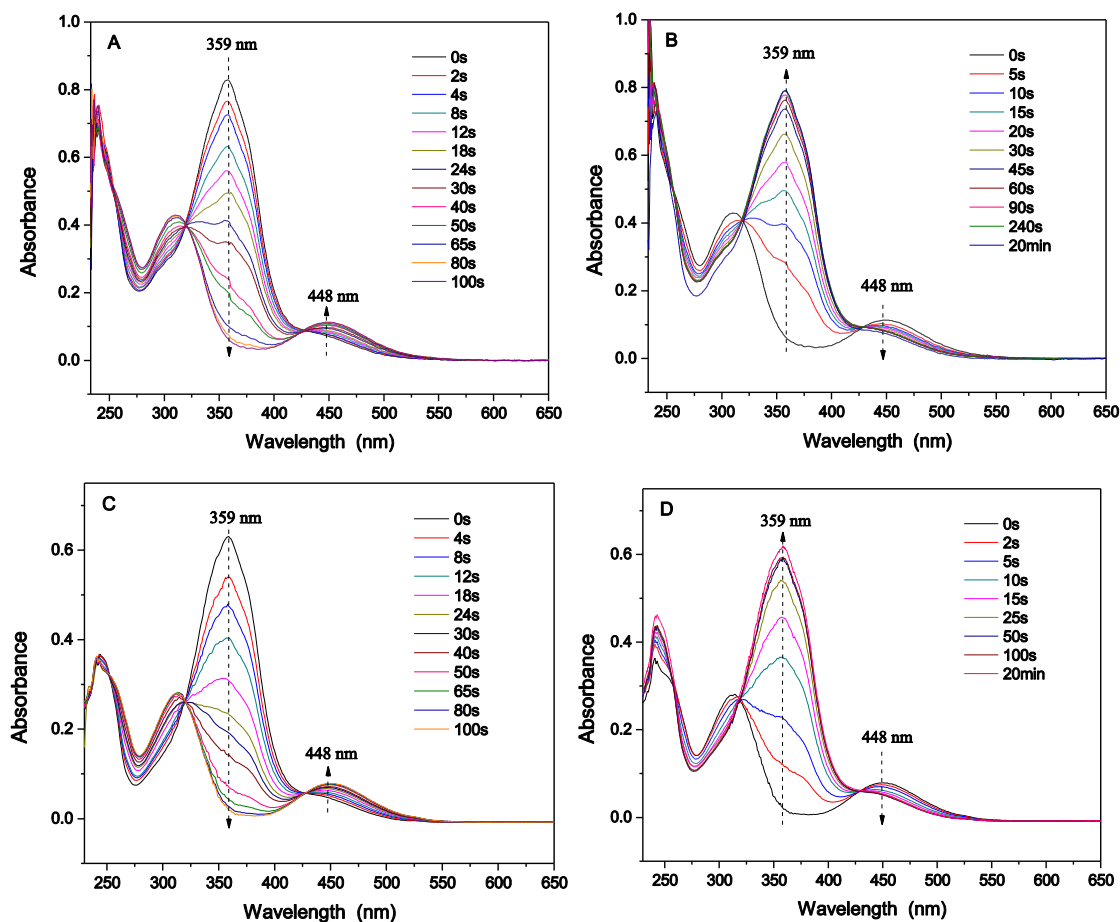


Figure 2S. Photochemical processes of (MPEG₁₁₄)(PS₄₅)(PMMAZO₁₈) (A and B) and (MPEG₁₁₄)(PS₇₇)(PMMAZO₅₉) (C and D) in CHCl₃ with the irradiation of 365 nm light (A and C) and 450 nm light (B and D). For B and D, 0 s is the spectrum after irradiation of 365 nm until photostationary state reached.

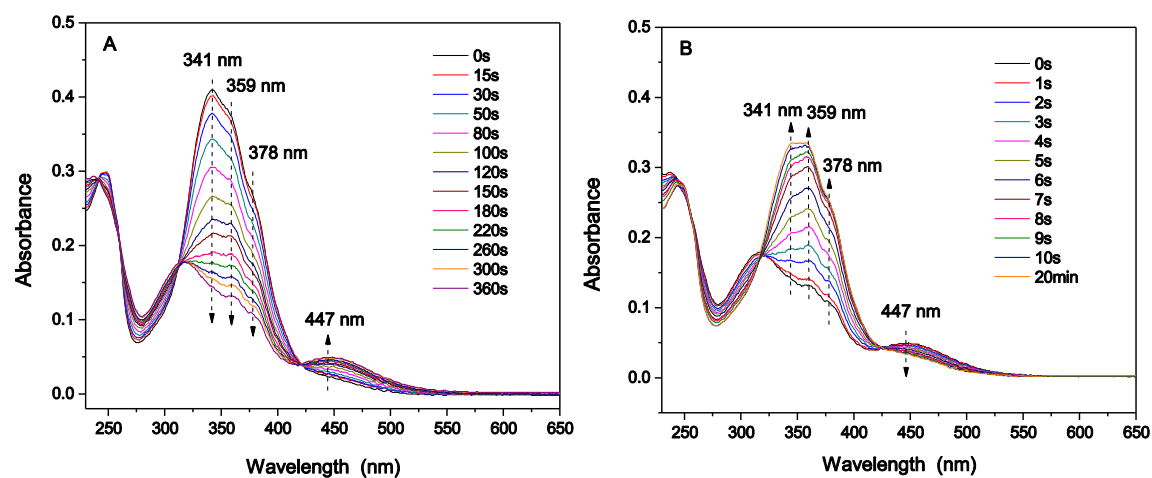


Figure 3S. Photochemical progresses of the vesicle solution of (MPEG₁₁₄)(PS₇₇)(PMMAZO₅₉) with the irradiation of 356 nm UV light (A) and visible light (B). For B, 0 s is the spectrum after irradiation of 365 nm until photostationary state reached.