Electronic Supplementary information (ESI)

Novel amphiphilic graft block azo-copolymer with polypeptide block: synthesis, self-assembly and photo-responsive behaviour

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Figure 1S Size distribution of the giant vesicles: (A) SEM and (B) optical microscopy.

Figure 2S SEM images of the vesicles formed by PAzoMA_{59}-b-(PELG_{50}-g-MPEG) in THF with 0.3 mg/mL initial concentration through adding the selective solvent H_{2}O.
Figure 3S Plots of the first-order trans-to-cis photoisomerization of PAzoMA$_{59}$-b-(PELG$_{50}$-g-MPEG) in THF solution and in vesicle solution.

Figure 4S TEM images of the vesicles formed by PAzoMA$_{59}$-b-(PELG$_{50}$-g-MPEG) in THF with 0.3 mg/mL initial concentration through adding the selective solvent H$_2$O.

Video 1. The video recording of the aggregate movement in solution