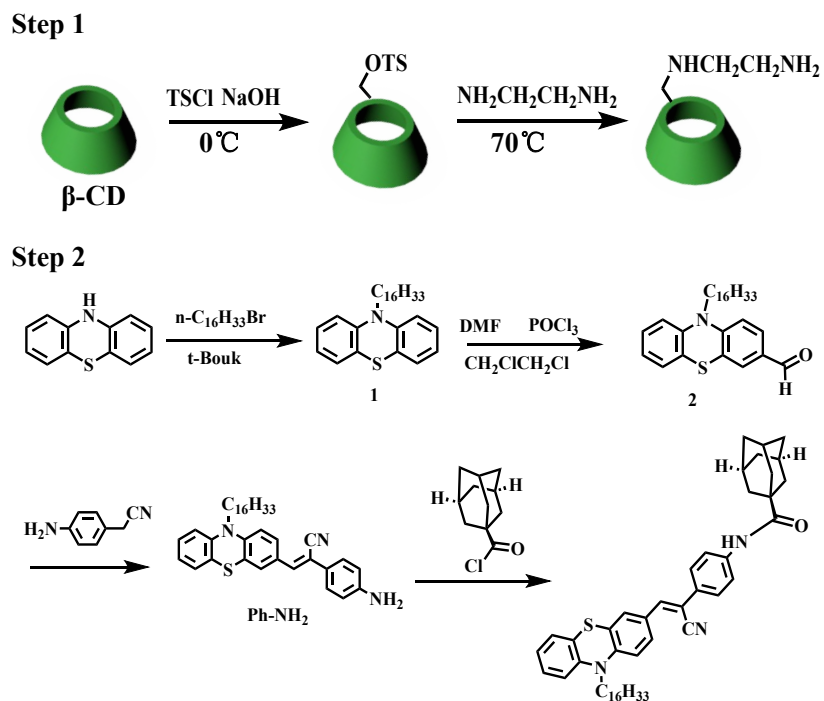


Fabrication of AIE-active Amphiphilic Fluorescent Polymeric Nanoparticles through Host-guest
Interaction

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Scheme S1 Synthetic routes of amino-terminated β -CD and Ad-PhNH₂

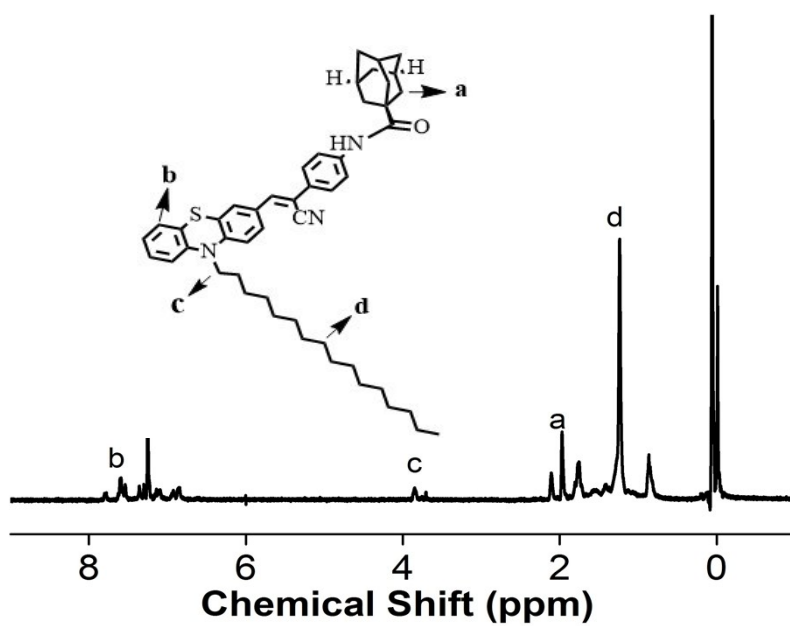


Fig. S1 ¹H NMR spectrum of Ad-PhNH₂

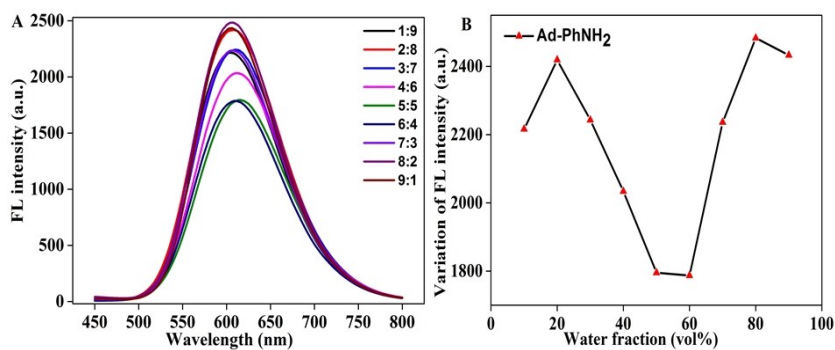


Fig. S2 (A) The PL spectra Ad-PhNH₂ in water/THF (V/V) mixture with different water fraction; Ex = 432 nm. (B) The variation trend of Ad-PhNH₂ FL intensity in water/THF mixture with different water fraction.

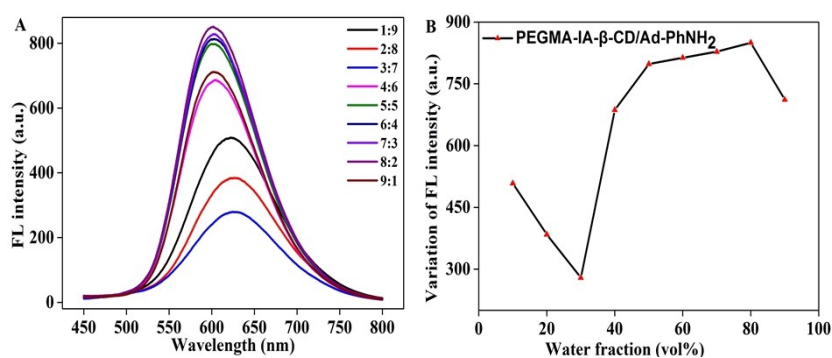


Fig. S3 The PL spectra Ad-PhNH₂ in water/DMF (V/V) mixture with different water fraction; Ex = 432 nm. (B) The variation trend of Ad-PhNH₂ FL intensity in water/DMF mixture with different water fraction.

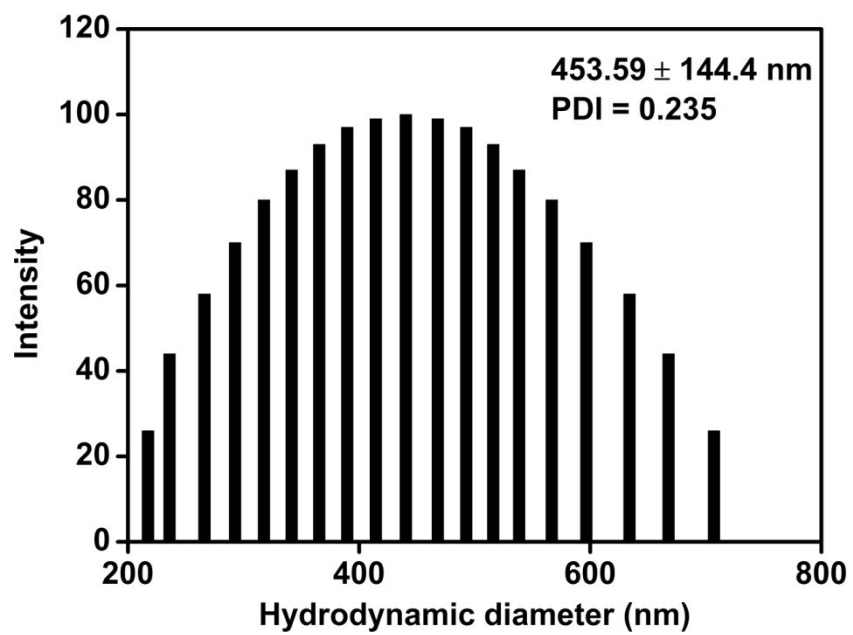


Fig. S4 Size distribution of PEGMA-IA- β -CD/Ad-PhNH₂ FPNs in water determined by DLS analysis.