Electronic Supplementary Material (ESI) for Polymer Chemistry.

Fabrication of multifunctional fluorescent organic nanoparticles with aggregation-induced emission feature through photo-initiated RAFT polymerization for biological imaging and drug delivery applications

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Results

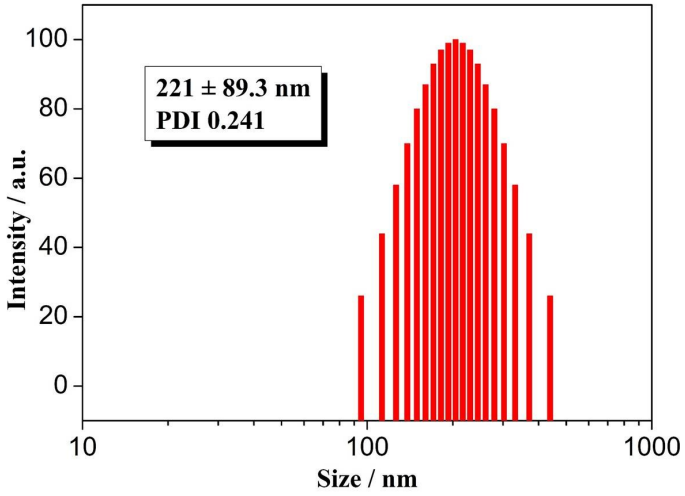

Fig. S1 The hydrodynamic diameter of TPE-SE-IA FONs obtained by DLS.

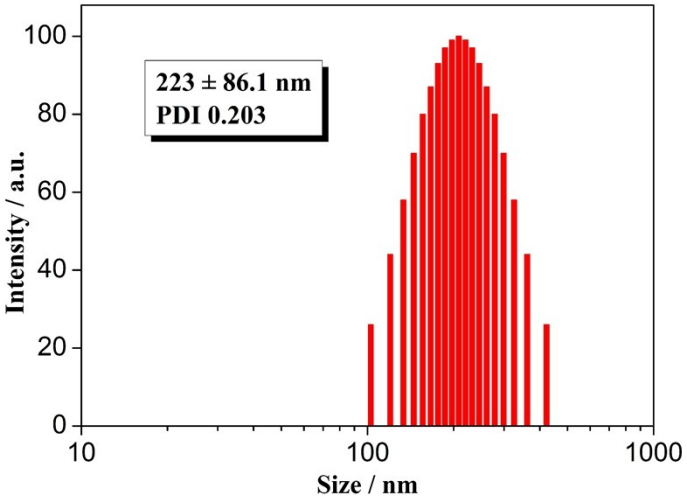

Fig. S2 The hydrodynamic diameter of drug-loaded TPE-SE-IA FONs obtained by DLS. It was found that the sizes of drug-loaded TPE-SE-IA FONs were slightly larger than those of drug-free TPE-SE-IA FONs, indicating that the drug was successfully loaded into the core of FONs.

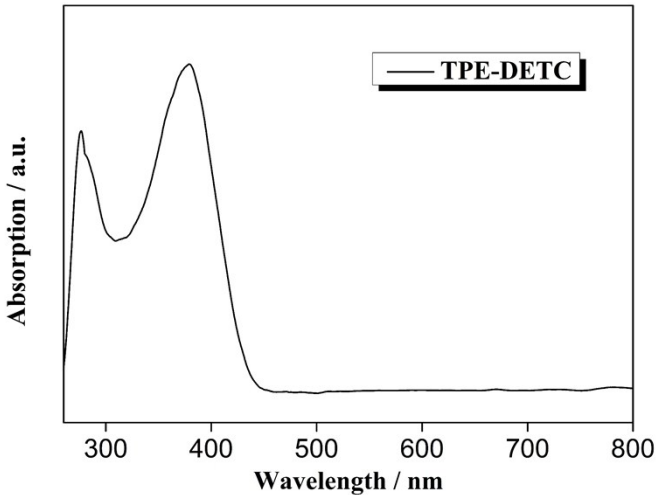

Fig. S3 UV-Vis spectrum of TPE-DETC dissolved in DMF.

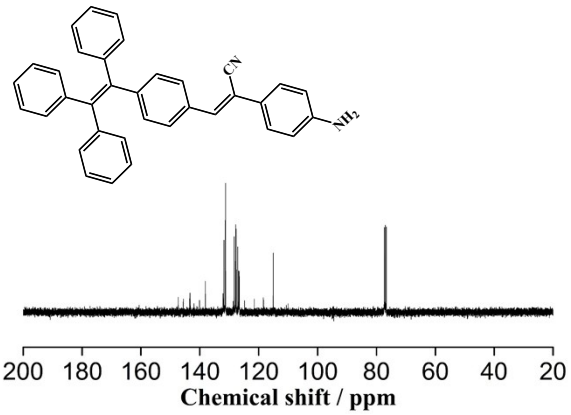

Fig. S4 ^{13}C NMR spectrum of TPE-NH_2 in choroform-*d*.

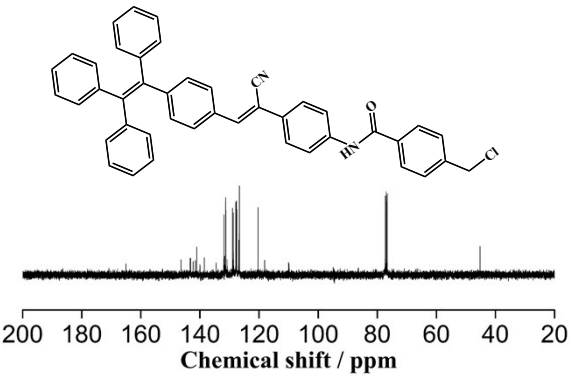

Fig. S5 ^{13}C NMR spectrum of TPE-PC in choroform-*d*.

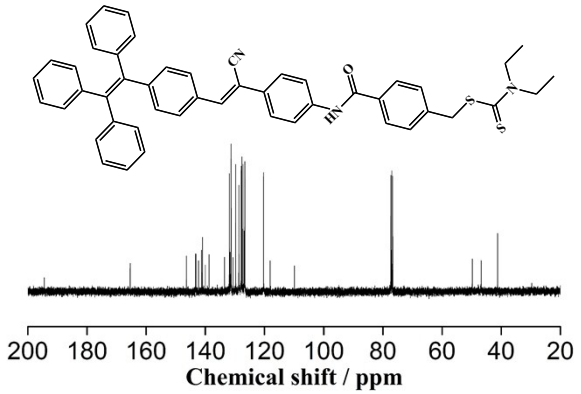

Fig. S6 ^{13}C NMR spectrum of TPE-DETC in choroform-*d*.

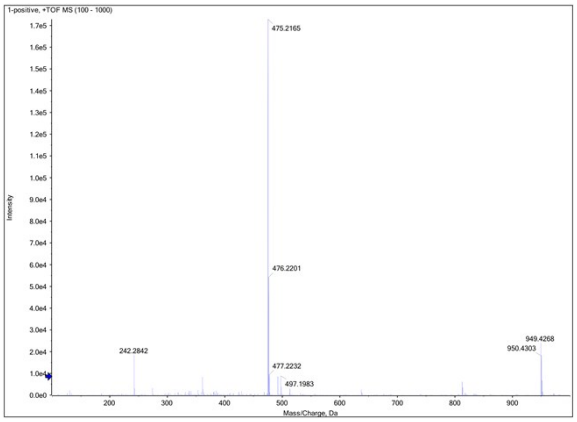

Fig. S7 MS of TPE-NH_2.

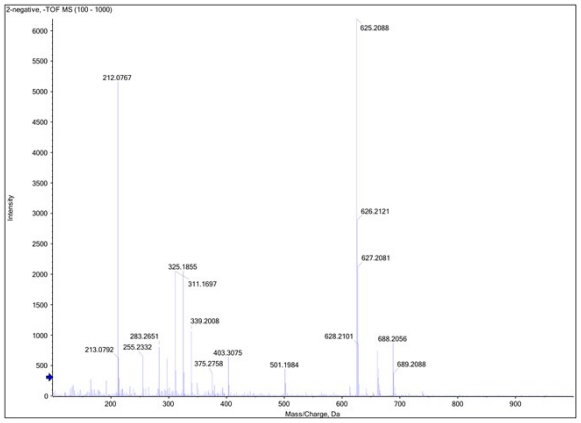

Fig. S8 MS of TPE-PC.

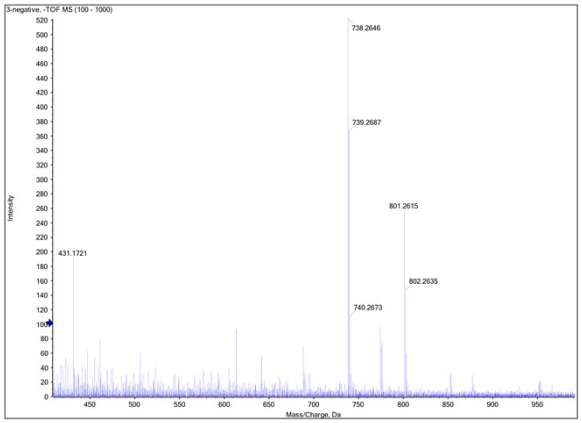

Fig. S9 MS of TPE-DETC.

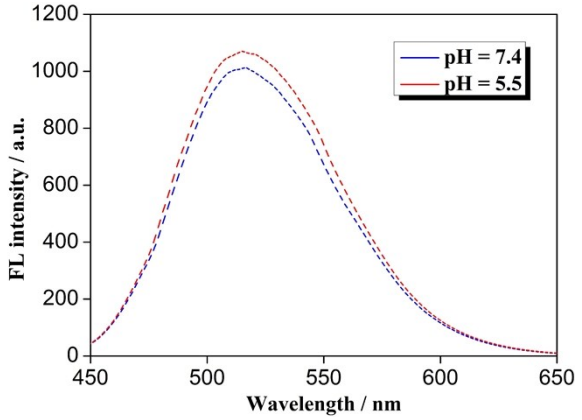

Fig. S10 FL spectra of TPE-SE-IA dispersed in aqueous solution at different pH environment (5.5 and 7.4).

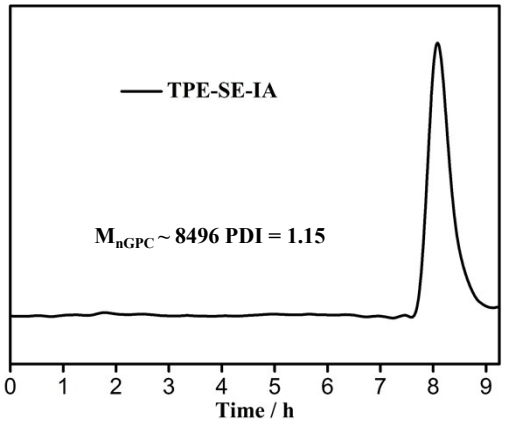

Fig. S11 GPC curves of TPE-SE-IA measured in DMF.