A Rather Facile Strategy for Fabrication of PEGylation AIE Nanoprobes
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Results

Scheme S1. Schematic showing the fabrication of PEG-TPE FNPs and their utilization for bioimaging applications.

Fig. S1 The representative curve of $^1$H NMR demonstrating the successful synthesis of 2,2'-diaminotetraphenyl ethylene (DATPE).
Fig. S2 UV-Vis spectrum of PEG-TPE FNPs in water.

Fig. S3 (A) the PL spectra of DATPE in water/THF (V/V) mixture with different water fraction; Ex = 333 nm (10 µM). (B) The variation trend of DATPE FL intensity in water/THF mixture with different water fraction.

Fig. S4 Photographs of PEG-TPE FNPs dispersed in water (a) and
irradiated with Uv lamp at 365 nm.

**Fig. S5** Photostability of PEG-TPE FNPs after irradiated with Uv lamp for 1 h (365 nm).

**Fig. S6** Hydrodynamic size of PEG-TPE FNPs in water.