Near-Infrared Organic Fluorescent Nanoparticles for Long-term Monitoring and Photodynamic Therapy of Cancer

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Content

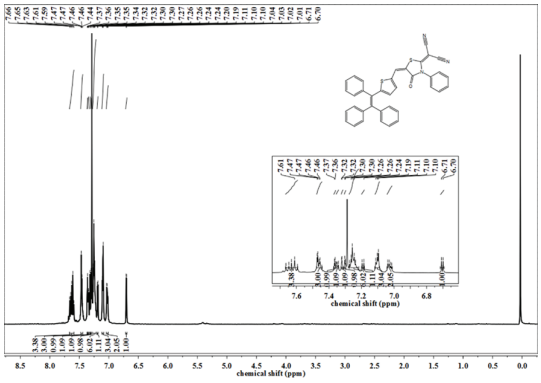

Figure S1 ^{1}HNMR spectra of TPVTR in $CDCl_3$

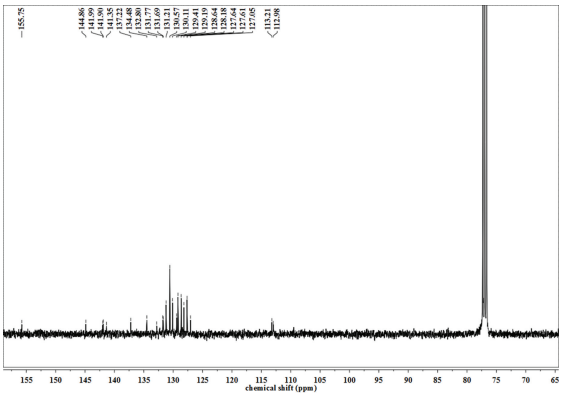

Figure S2 ^{13}CNMR spectra of TPVTR in $CDCl_3$

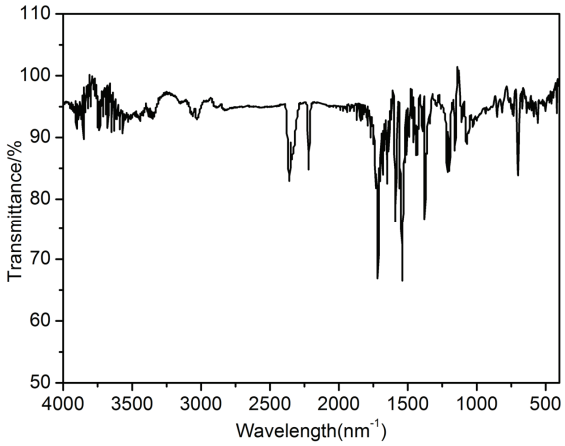

Figure S3 IR spectra of TPVTR

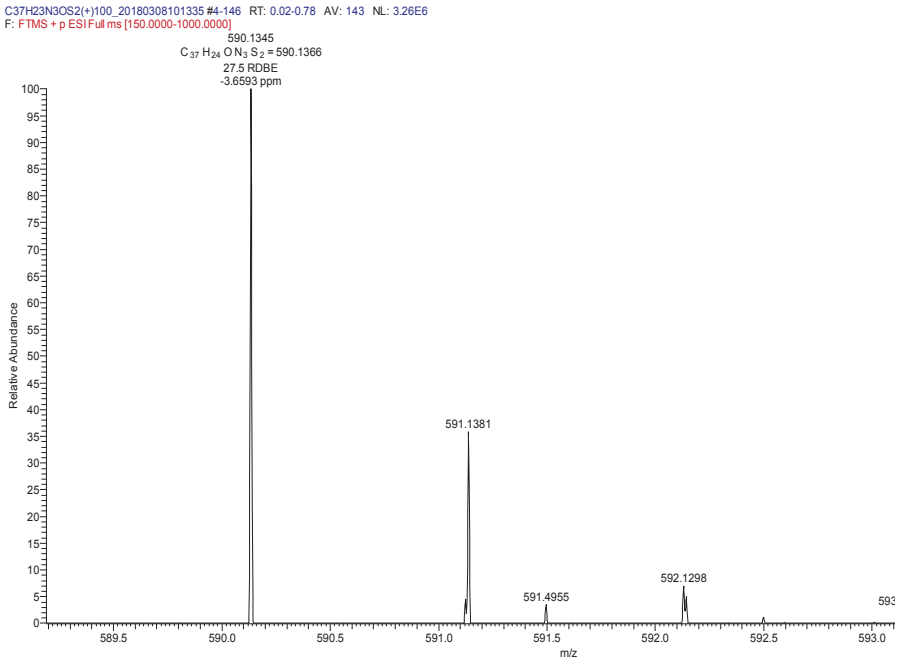

Figure S4 HRMS of TPVTR

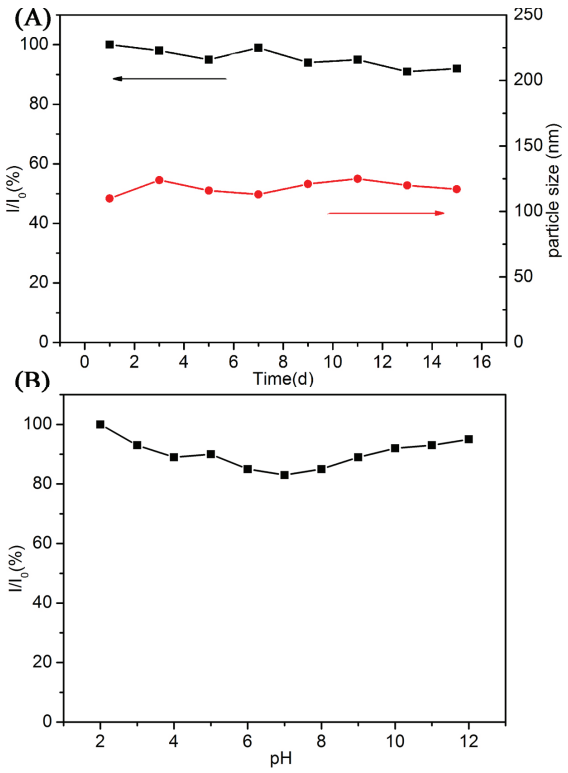

Figure S5 (A) Particle size and PL intensity change of TPVTR dots in PBS up to 15 days. I_0 is the initial PL intensity and I is the corresponding PL intensity at different time. (B) PL intensity changes of TPVTR dots in PBS with different pH(from pH=2 to pH=12). I_0 is the PL intensity with pH=2 and I is the corresponding PL intensity with other different pH.

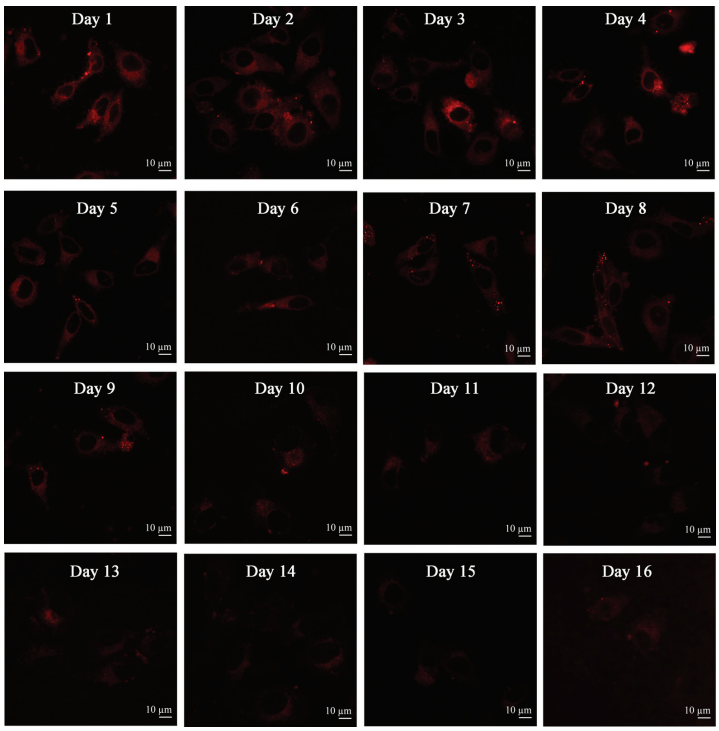

Figure S6 Confocal microscopy images of TPVTR dots in HepG2 cells at different time

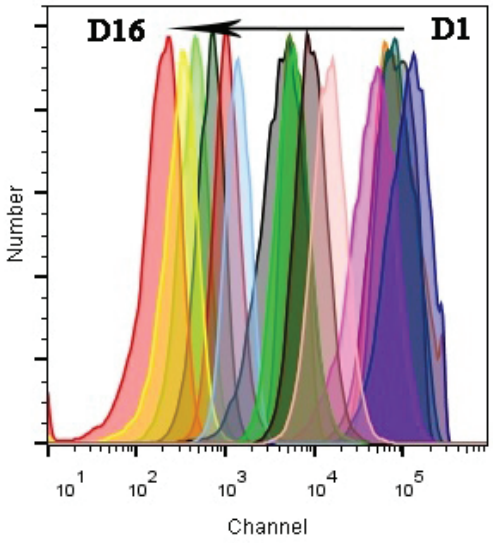

Figure S7 Flow cytometry profiles of TPVTR dots-stained HepG2 cells at different time (from day1 to day 16)

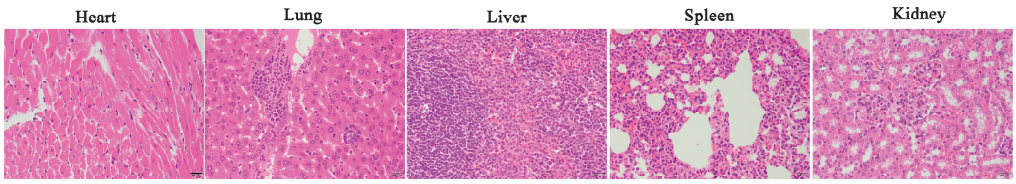

Figure S8 H&E staining of the major organs after TPVTR dots were injected into the tail vein upto 16 days