

Supporting Information

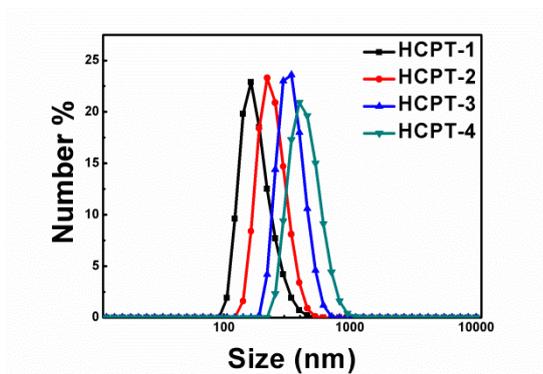


Fig. S1. DLS data of HCPT NCs with different ARs.

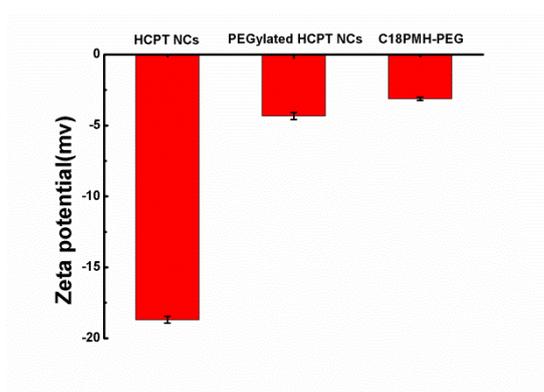


Fig. S2. Surface charge of HCPT NCs, PEGylated HCPT NCs and C18PMH-PEG (dispersed in water). The mean zeta potential were -18.70 ± 0.24 mV, -4.34 ± 0.25 mV and -3.12 ± 0.11 mV for the HCPT NCs, PEGylated HCPT NCs, and C18PMH-PEG respectively.

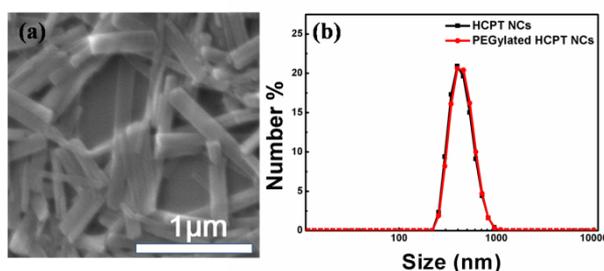


Fig. S3. (a) SEM image of HCPT NCs after surface functionalization. Sample was washed with water twice before SEM observation. (b) DLS data of HCPT NCs and PEGylated HCPT NCs.

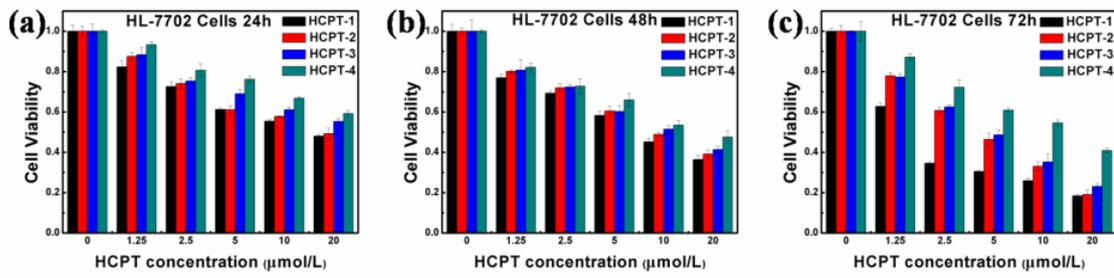


Fig. S4. MTT assay of HCPT NCs with different ARs at different concentrations and incubation times against human normal liver cells (HL-7702).

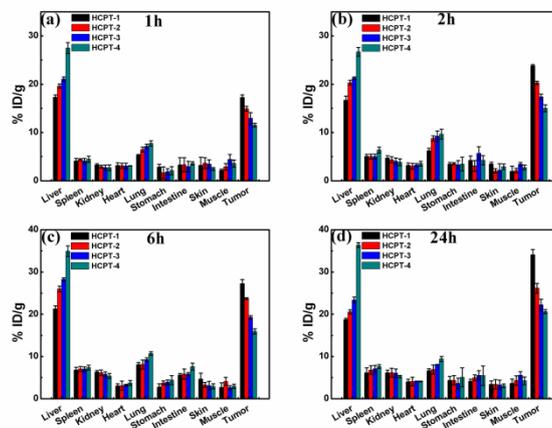


Fig. S5. Biodistribution of HCPT NCs with different ARs in mice after incubated in 1, 2, 6 and 24 h (a – d) determined by the HCPT fluorescence.