Electronic supplementary information

Reactive oxygen species-activatable camptothecin polyprodrug based dextran enhances chemotherapy efficacy by damaging mitochondria

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Figure S1. The synthetic route of DCPT polyprodrug.



Figure S2. ¹H NMR spectrum of DEX-Br.



Figure S3. ¹H NMR spectrum of CPTMA.



Figure S4. ¹³C NMR spectrum of CPTMA.







Figure S6. ¹H NMR spectra of DCPT-1 and DCPT-2 polyprodrugs.



Figure S7. Mass spectrum of DCPT-1 after being treated with H_2O_2 for 12h.



Figure S8. CLSM images showed the distribution of CPT in 4T1 cells after treating with Free CPT for 1h and 4h.



Figure S9. CLSM images showed the 4T1 cells after treating with DCPT-2 for 4, 8, 12 and 24 h, and then staining with Lyso-Tracker red.