

Glutathione-responsive conjugates of hyperbranched poly-oxidized glutathione and camptothecin for cancer therapy

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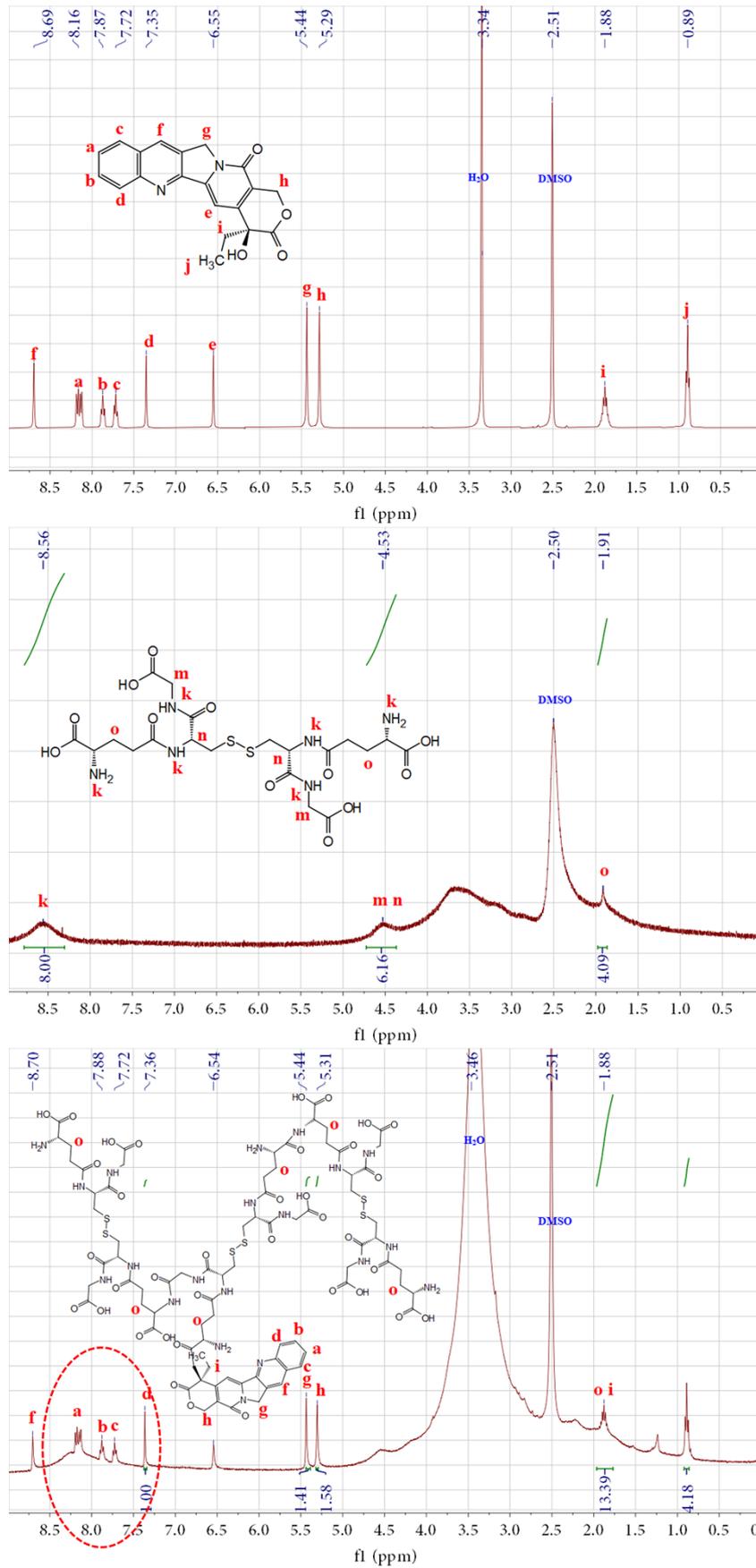


Figure S1 The ¹H NMR spectra of CPT, GSSG and Poly GSSG-CPT.

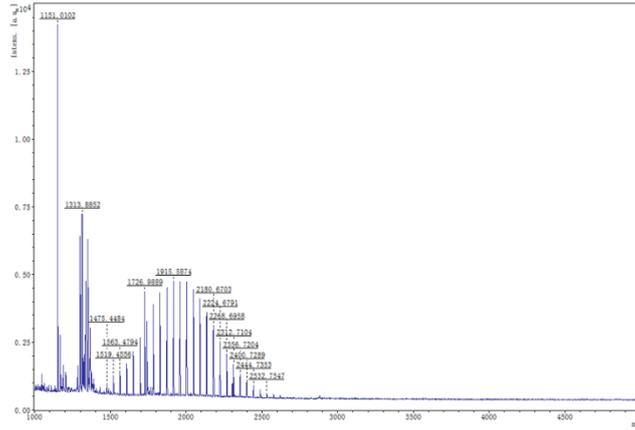


Figure S2 The MALDI-TOF MS spectra of Poly GSSG-CPT.

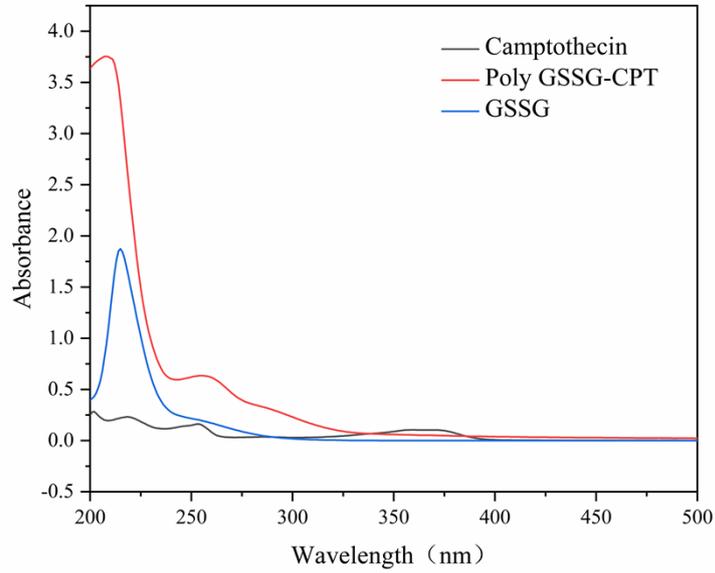


Figure S3 The UV-vis spectra of CPT, GSSG and Poly GSSG-CPT.

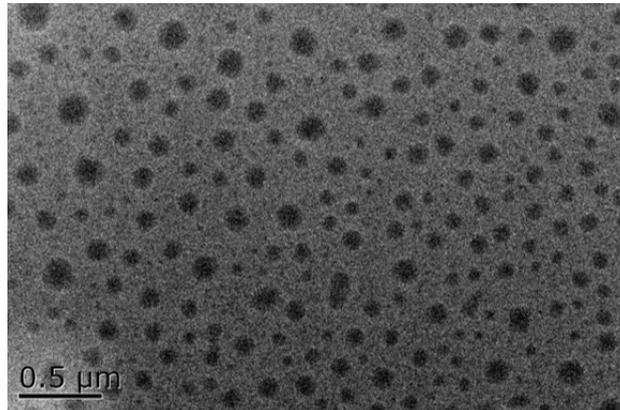


Figure S4 The particle size of Poly GSSG-CPT by TEM.

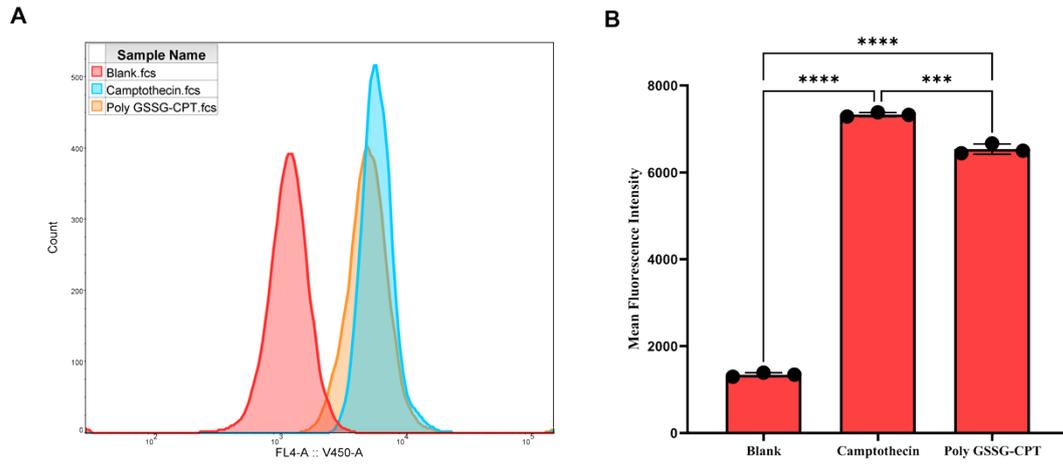


Figure S5 The cellular uptake results by (D) flow cytometry analysis, and (E) statistical quantitative analysis of HeLa cells for Poly GSSG-CPT and Free CPT.

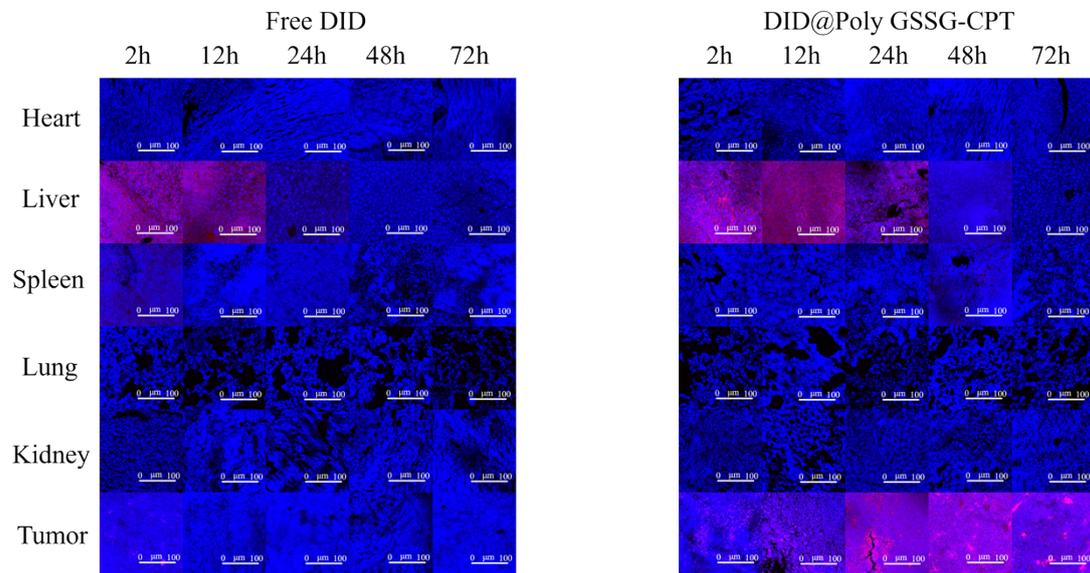


Figure S6 Fluorescence staining results of organ and tumor sections (blue indicates nuclei, red indicates DID, scale: 40 \times , 100 μ m).

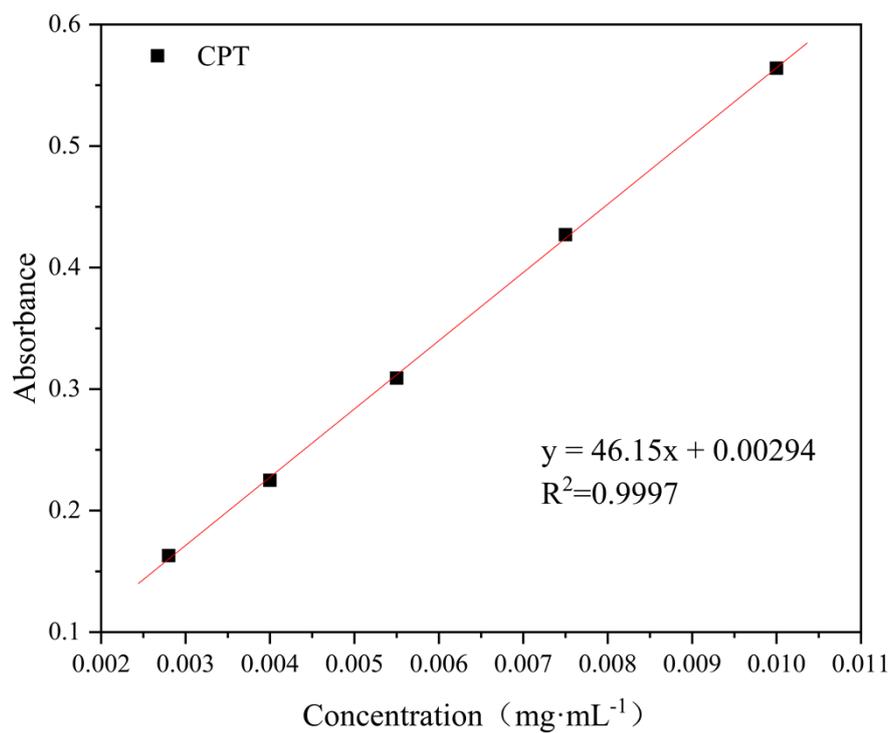


Figure S7 The standard curve of CPT.

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -33.7	Peak 1: -33.7	100.0	4.27
Zeta Deviation (mV): 4.27	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.528	Peak 3: 0.00	0.0	0.00
Result quality : Good			

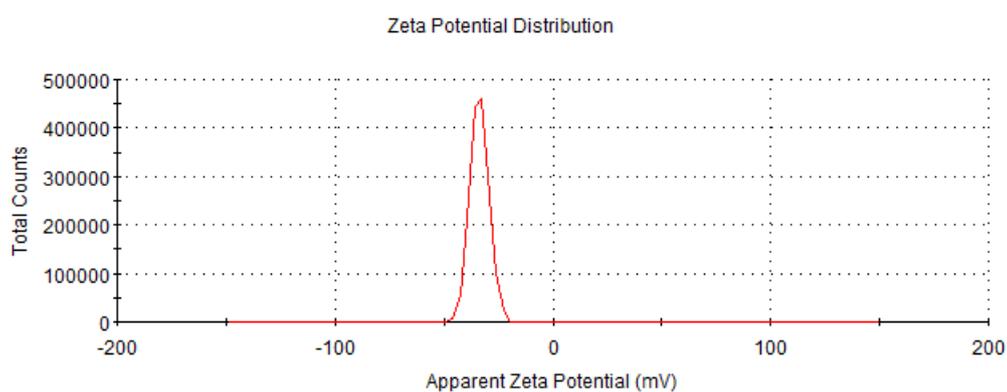


Figure S8 The Zeta potential diagram of Poly GSSG-CPT.