

Orlistat-Dopamine Conjugate Micelles Improve Targeted Delivery and Therapeutic Efficiency of Camptothecin in Combination Chemotherapy

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Supplemental data

Table S1. The PDI, particle size, and ζ -potential of CPT-ODCM and ODCM

Type	PDI	Particle size (d.nm)	Zeta potential (mV)
CPT-ODCM	0.257	157.0 $\pm$ 3.4	-29.4 $\pm$ 1.6
ODCM	0.293	122.8 $\pm$ 8.1	-33.2 $\pm$ 6.5

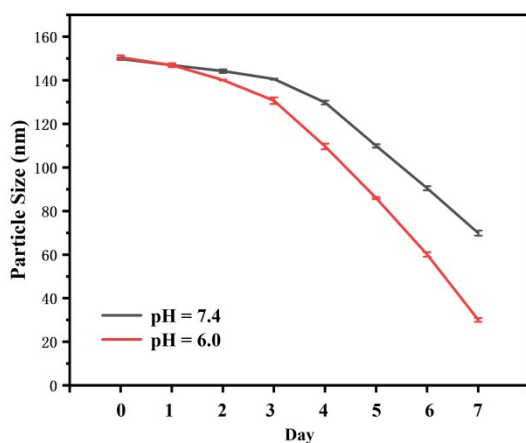


Figure S1. 7-day multi-time point DLS stability study under two relevant pH conditions (pH = 7.4 and pH = 6.0, n = 3).

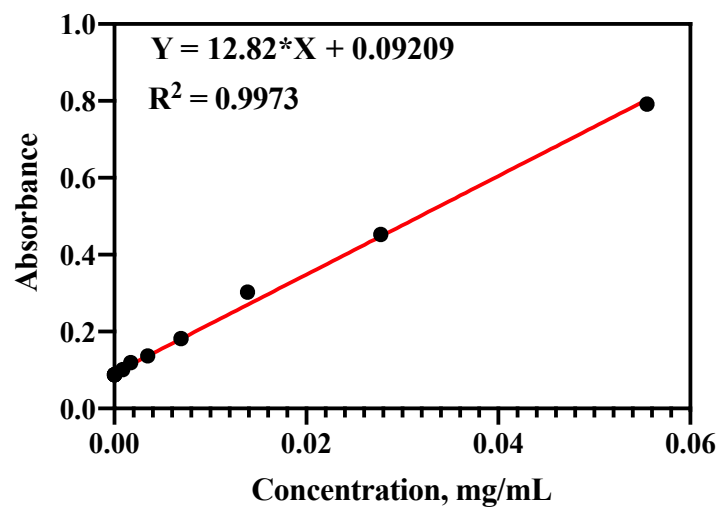


Figure S2. The standard curve of CPT in DMF for quantification research.

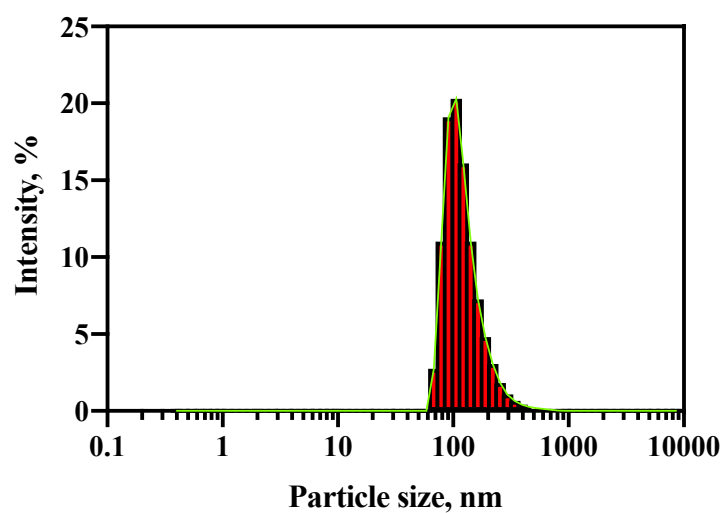


Figure S3. DLS size distribution of CPT-ODCM (reactant concentration: 0.933 mM).

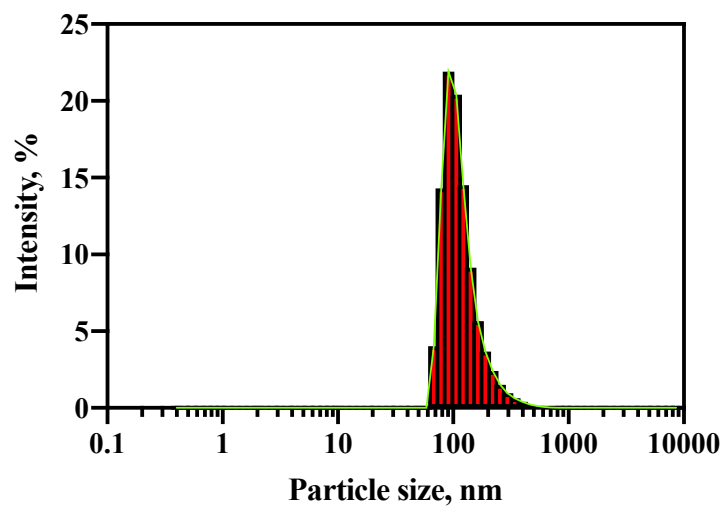


Figure S4. DLS size distribution of ODCM (reactant concentration: 0.933 mM).

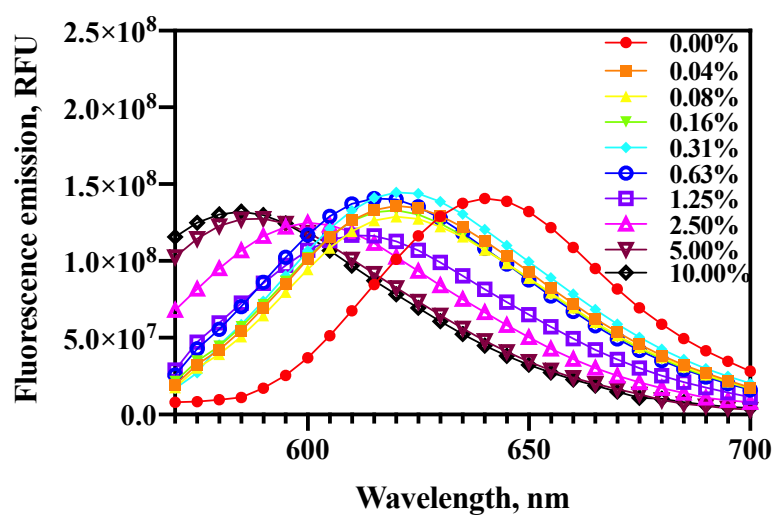


Figure S5. The emission spectra of Nile red with the addition of ODCM solution at concentrations ranging from 0.0% to 10.0% (w/v); Nile red was excited at 550 nm.

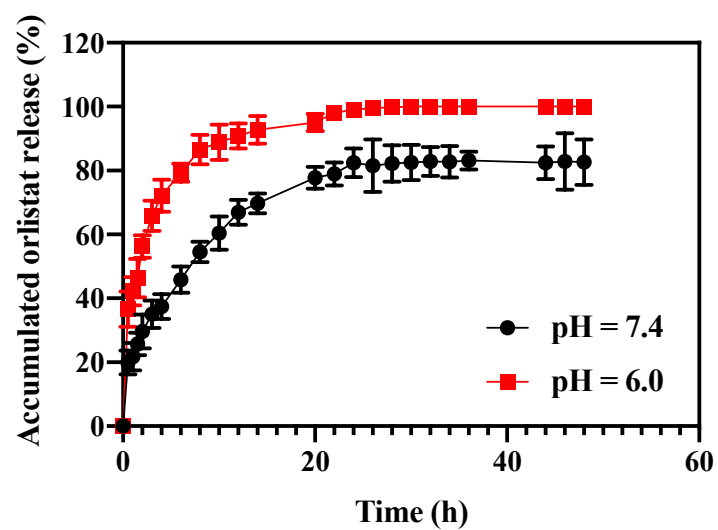


Figure S6. *In vitro* orlistat release from CPT-ODCMs at different pH (pH = 7.4, black; pH = 6.0, red) environments at 37 °C.