

Supporting Information

Multiple pH responsive zwitterionic micelles for stealth delivery of anticancer drugs

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Table S1. Molecular weight measured by GPC.

Polymer	Mn (Da)	Poly Dispersity Index (PDI)
pCBMA-p(ADA-TMDP)	15300	1.24
pDMAEM-p(ADA-TMDP)	16100	1.20

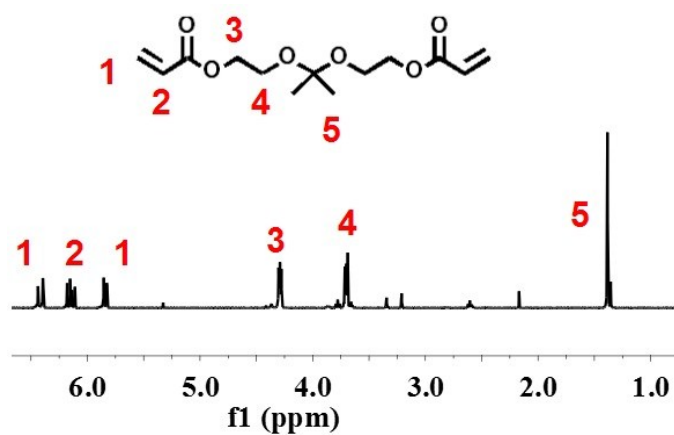


Figure S1. ¹H-NMR spectrum of ADA (CDCl₃, 400 MHz).

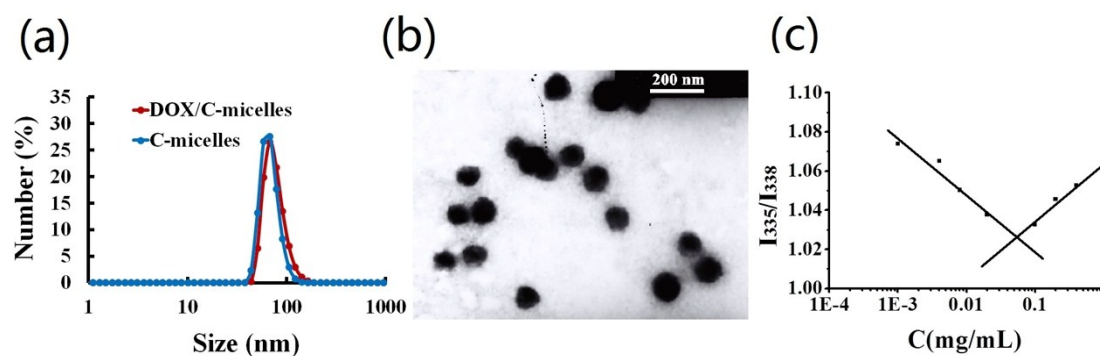


Figure S2. Characterizations of the C-micelles and DOX/C-micelles. (a) Size distribution of C-micelles (red) and DOX/C-micelles (blue) in PBS solution. (b) TEM images of DOX/C-micelles. *Scale bar measures 200 nm. (c) Critical micelle concentration of the micelles.

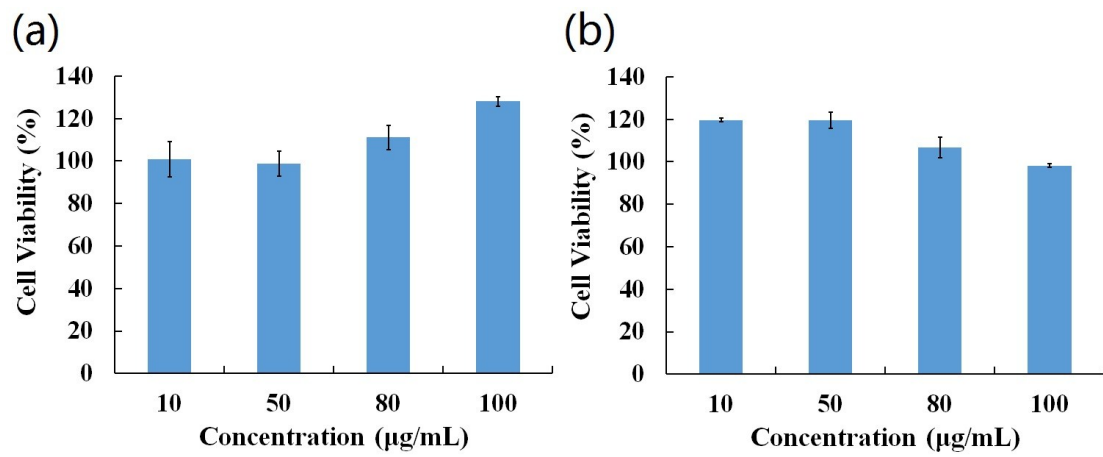


Figure S3. In vitro cytotoxicity of C-micelles against (a) 3T3 cells and (b) HepG2 cells after incubation for 36 h.

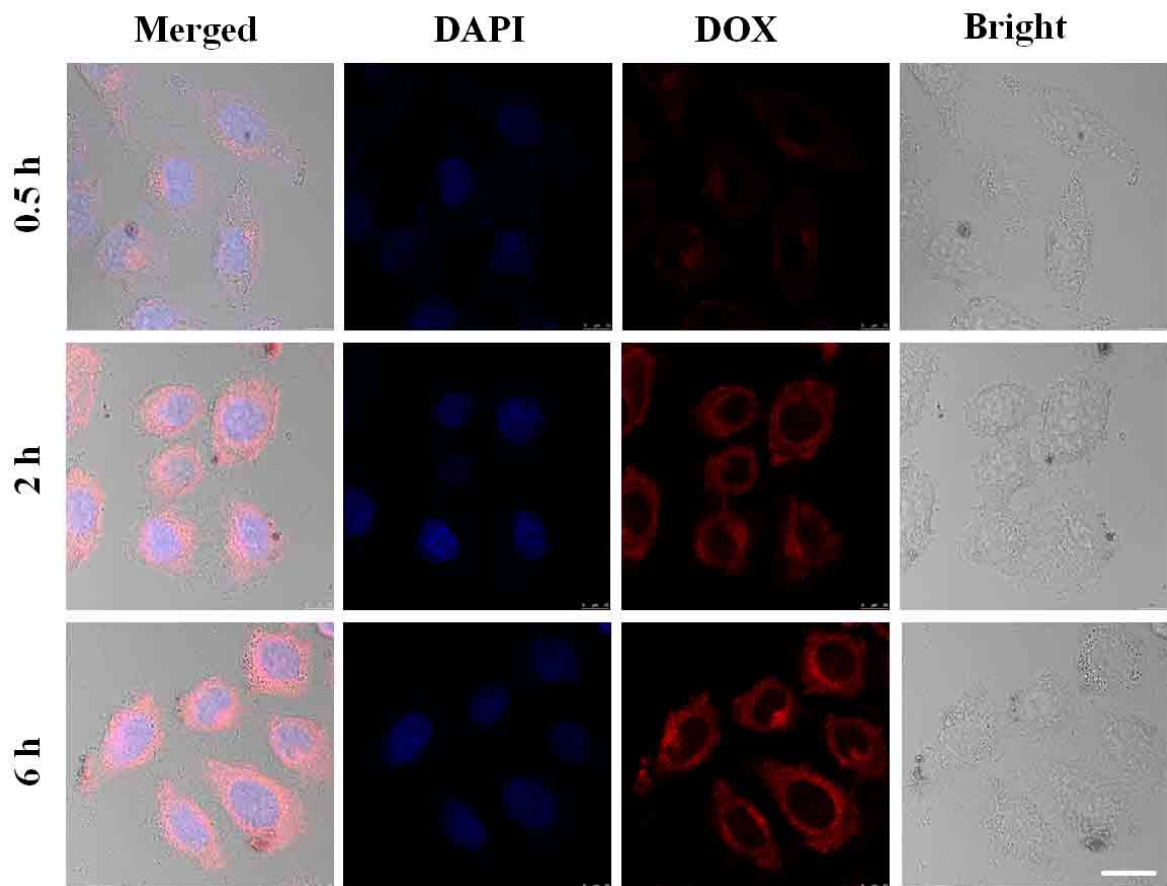


Figure S4. CLSM of DOX/C-micelles (5 µg/ml DOX) at 0.5 h, 2 h, 6 h. DOX channel (red), DAPI stained nucleus channel (blue), bright images and overlay of previous images. Scale bar measures 20 µm.