

Supporting Information

of

Activable Cell-Penetrating Peptide (ACPP)

Conjugated Prodrug for Tumor Targeted Drug

Delivery

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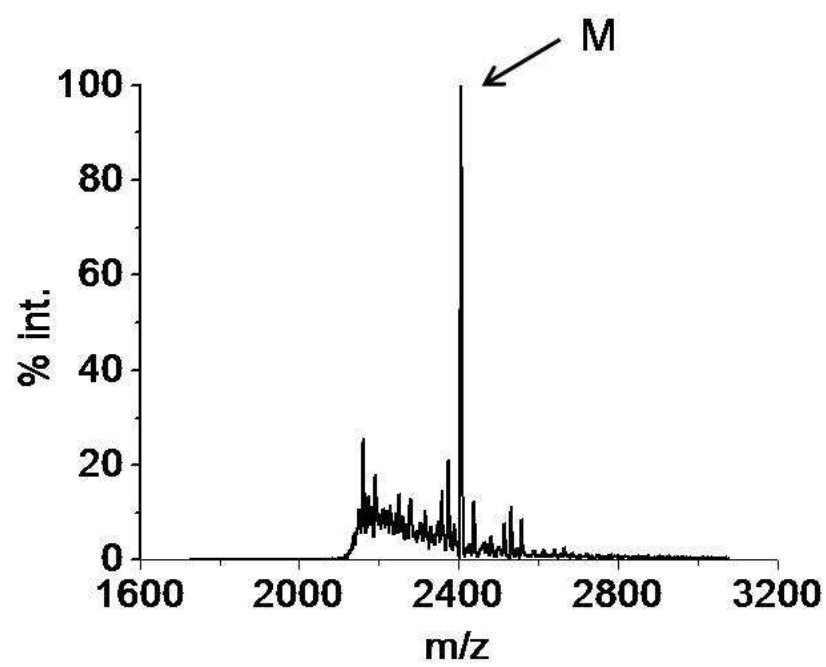


Figure S1. MOLDI-TOF-MS profile of ACPP.

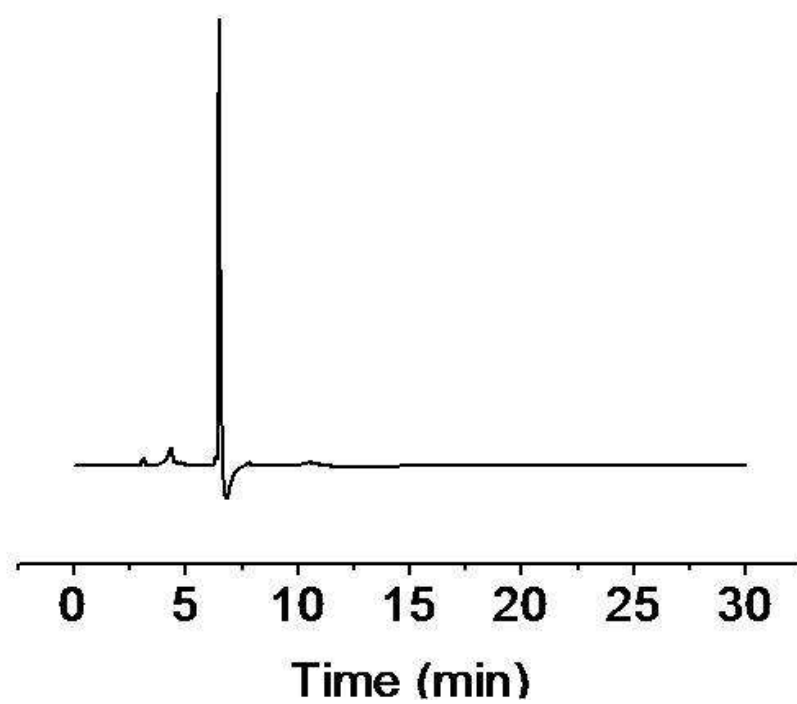


Figure S2. HPLC profile of ACPP.

ESI-2014-8-28-CH-3 #36-37 RT: 1.00-1.03 AV: 2 NL: 2.95E7
T: + c ESI Full ms [150.00-2000.00]

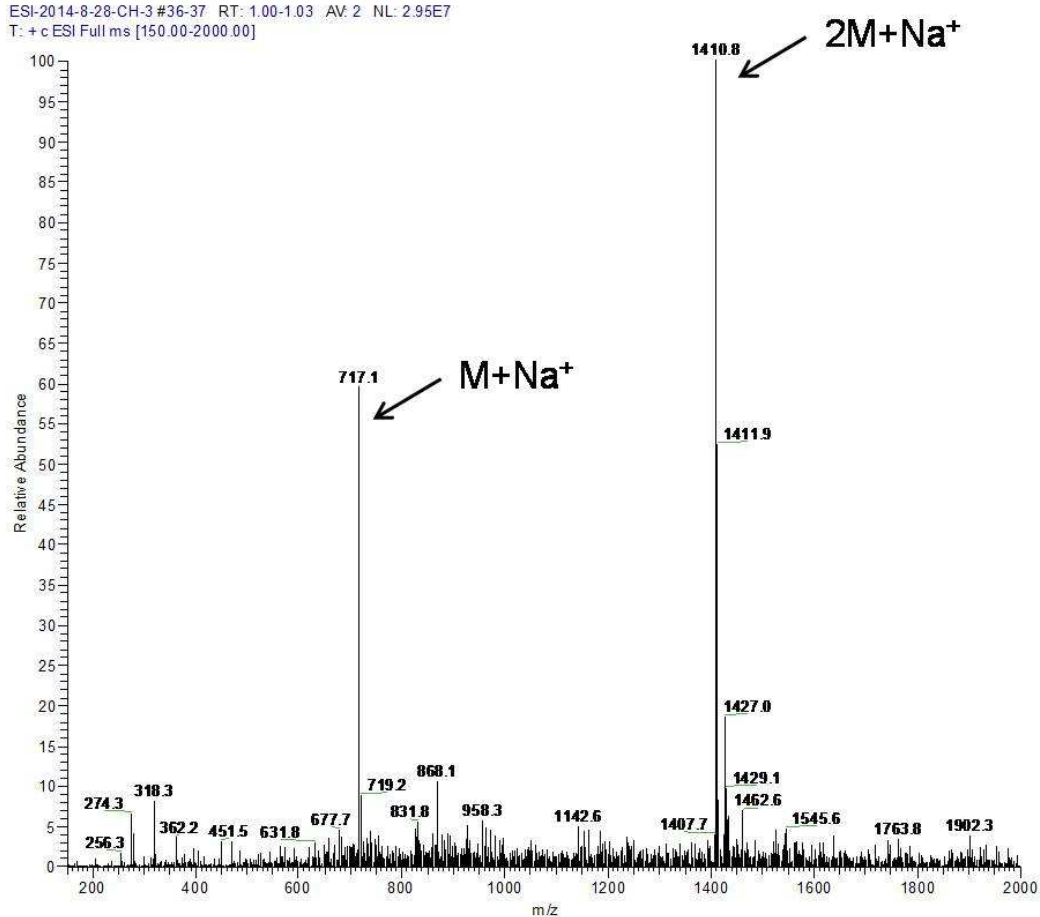


Figure S3. ESI-MS profile of DOX-SMP.

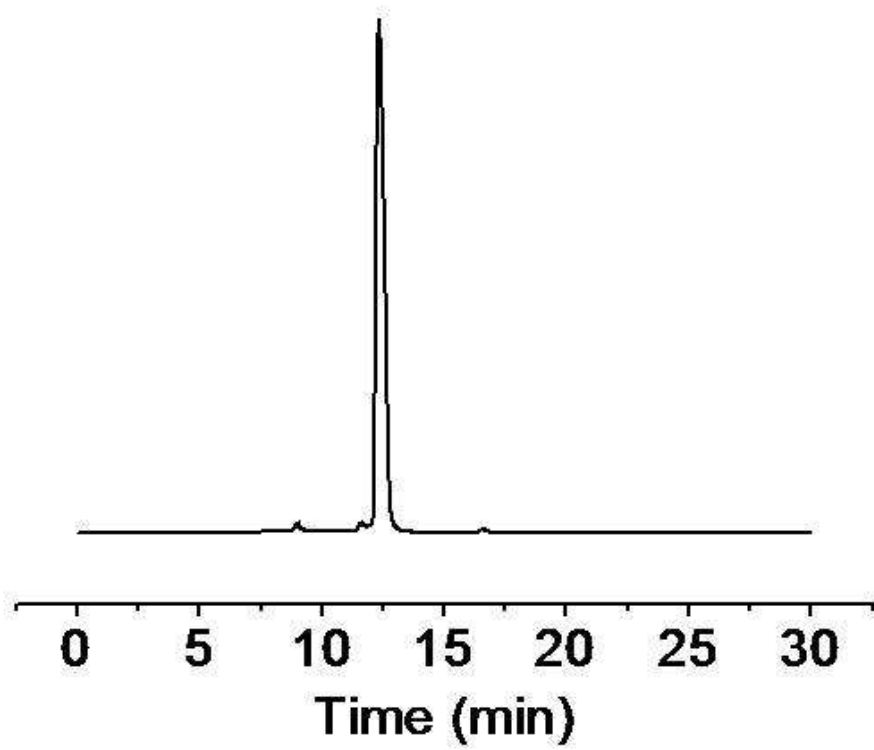


Figure S4. HPLC profile of DOX-SMP.

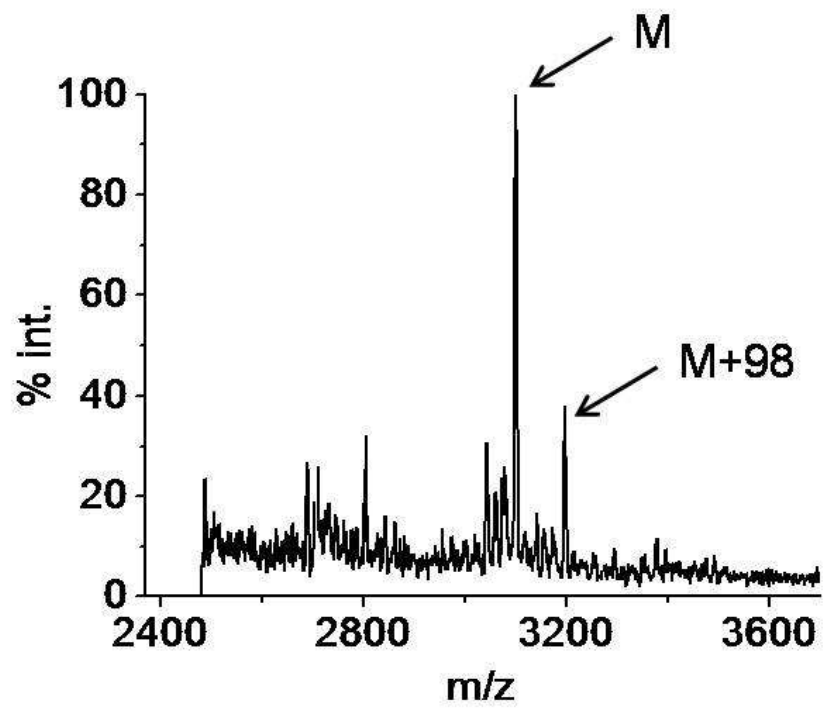


Figure S5. MOLDI-TOF-MS profile of DOX-ACPP.

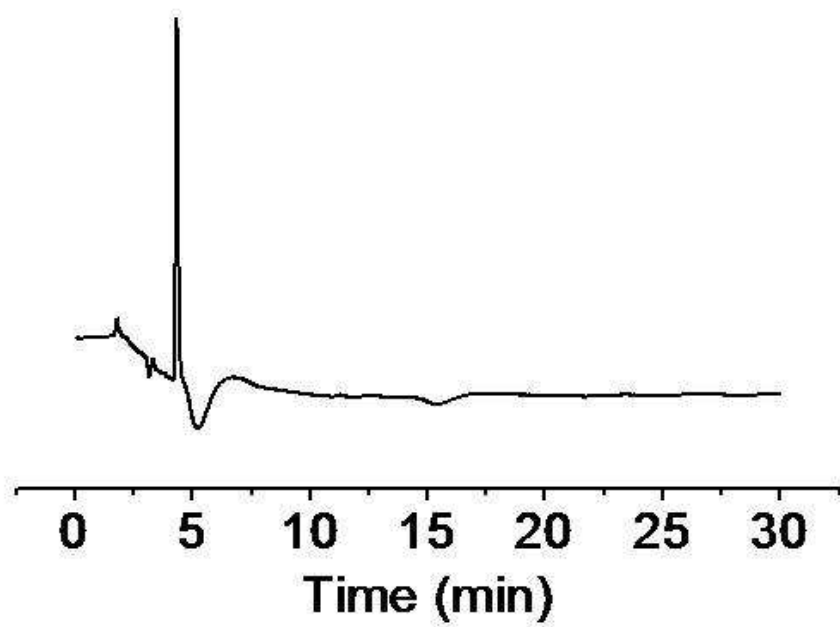


Figure S6. HPLC profile of DOX-ACPP.

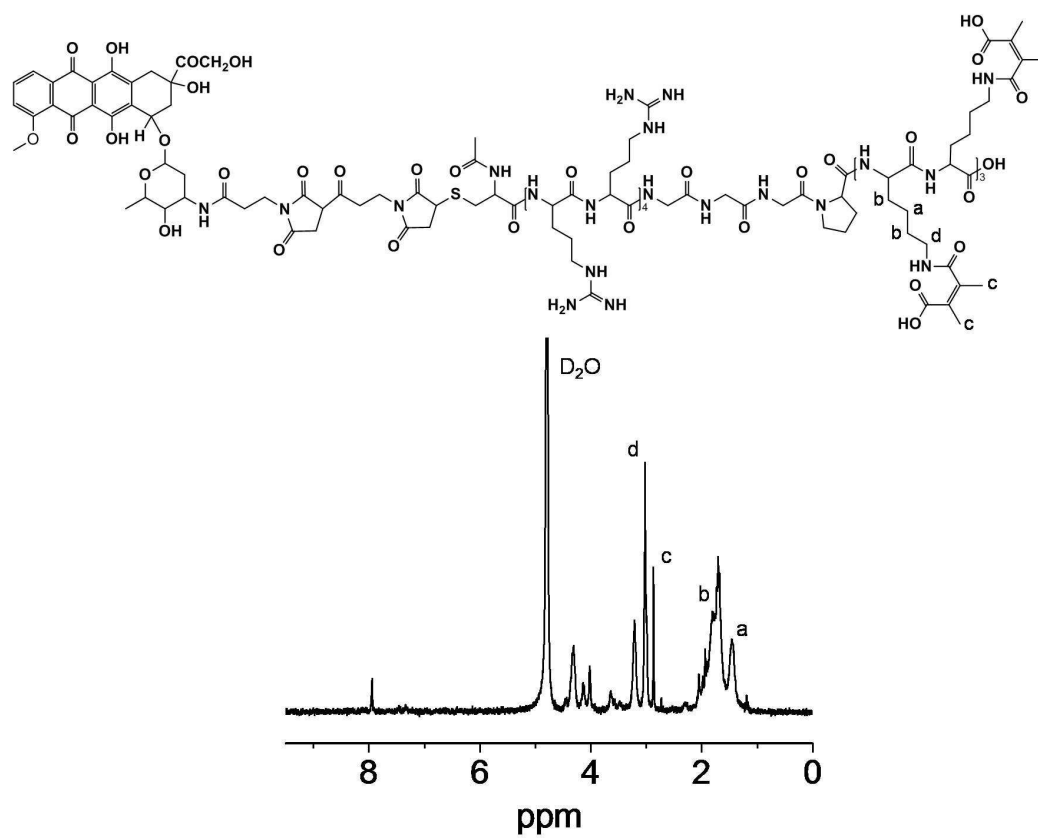


Figure S7. ^1H NMR spectrum of DOX-ACPP-DMA in D_2O .

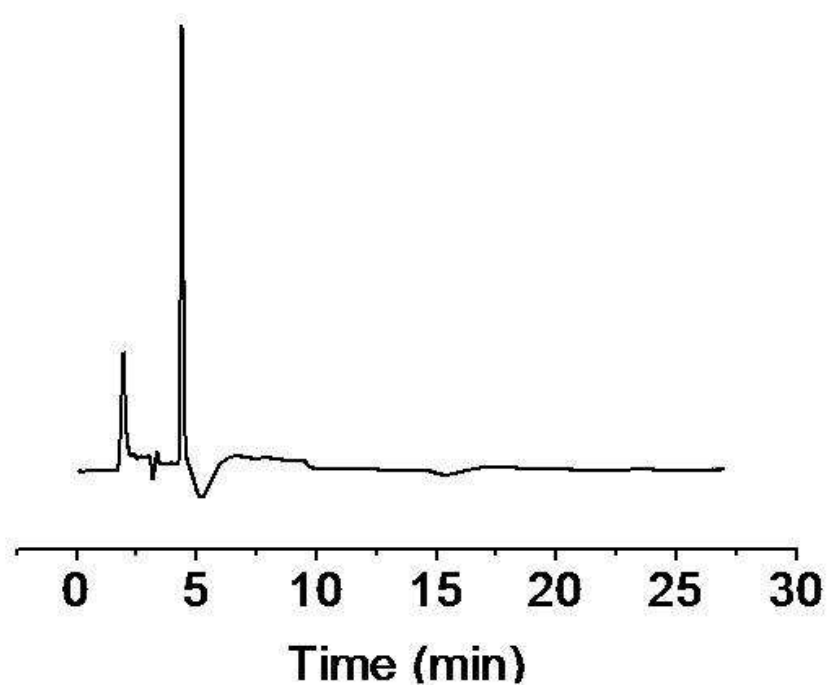


Figure S8. HPLC profile of DOX-ACPP-DMA.

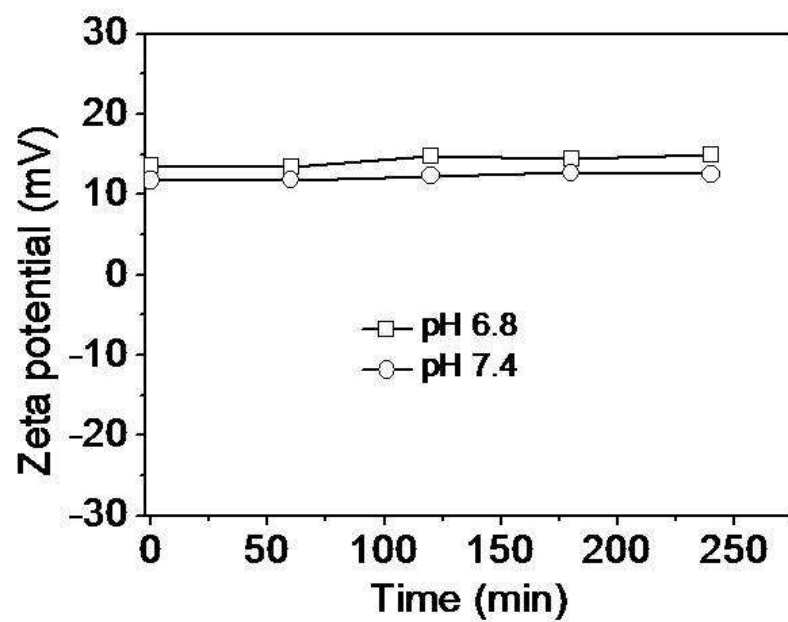


Figure S9. Zeta potential changes of DOX-ACPP exposed at pH 7.4 or 6.8 for different time periods.

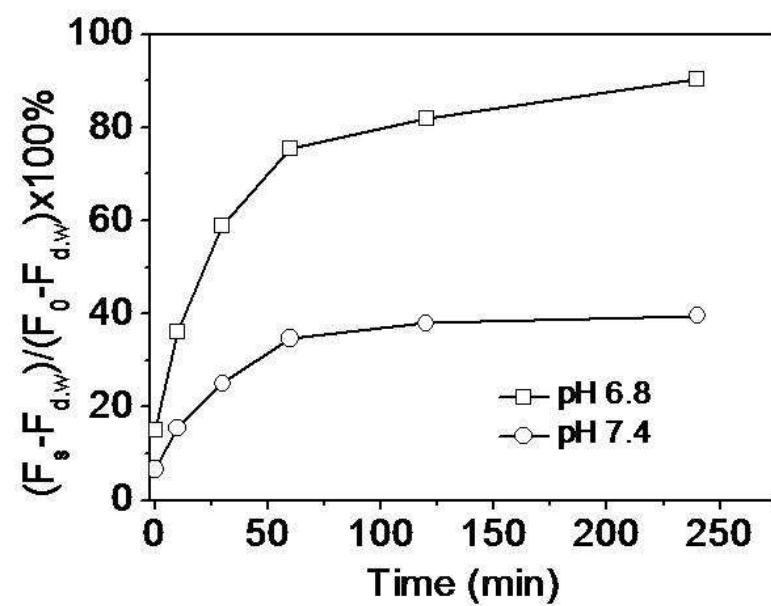


Figure S10. Zeta potential changes of DOX-ACPP exposed at pH 7.4 or 6.8 for different time periods.

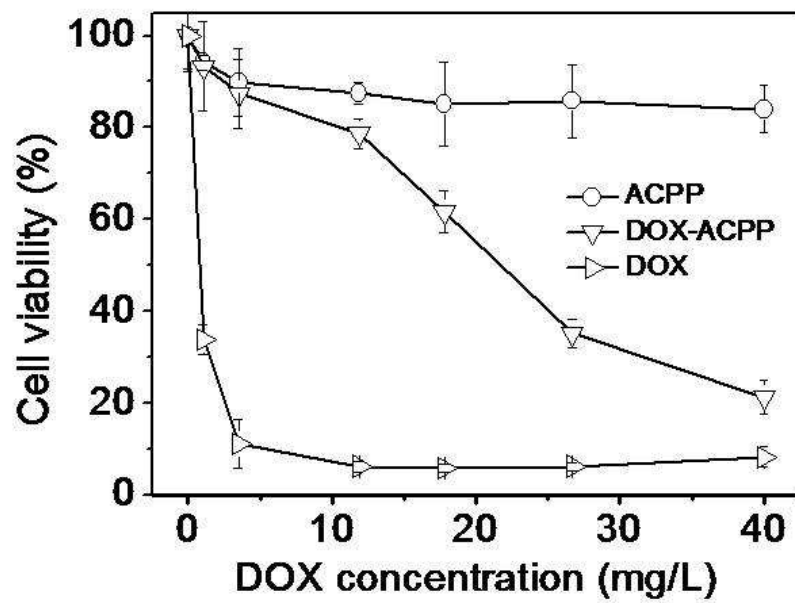


Figure S11. In vitro cell viability assay of ACP, DOX-ACP, and free DOX in HeLa cells at pH 6.8 for 48 h.

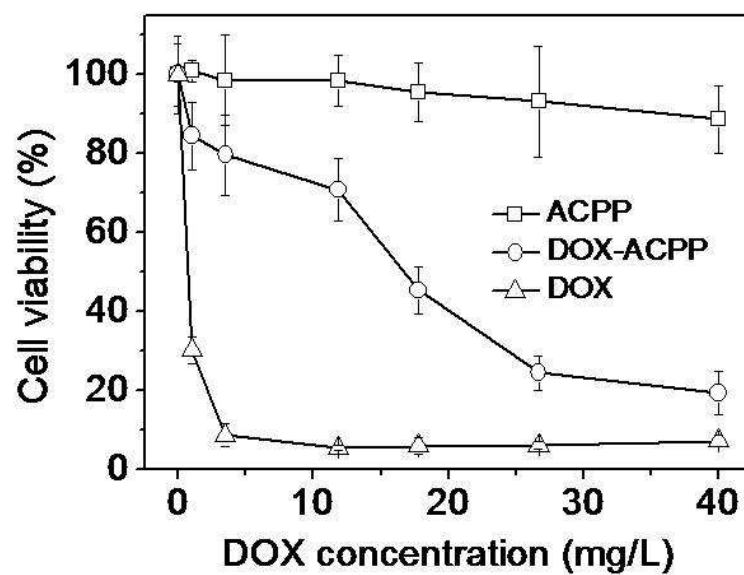


Figure S12. In vitro cell viability assay of ACPP, DOX-ACPP, and free DOX in COS7 cells at pH 7.4 for 48 h.