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Supporting Information

pH-Responsive expandable polycarbonate-doxorubicin conjugate nanoparticles for fast intracellular drug release

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Additional Figures

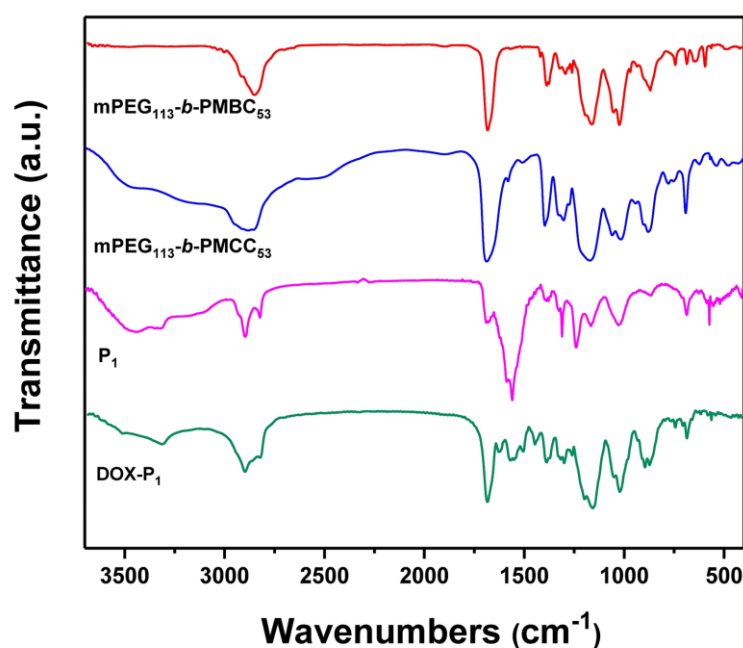


Fig. S1 FT-IR spectra of the synthetic products.

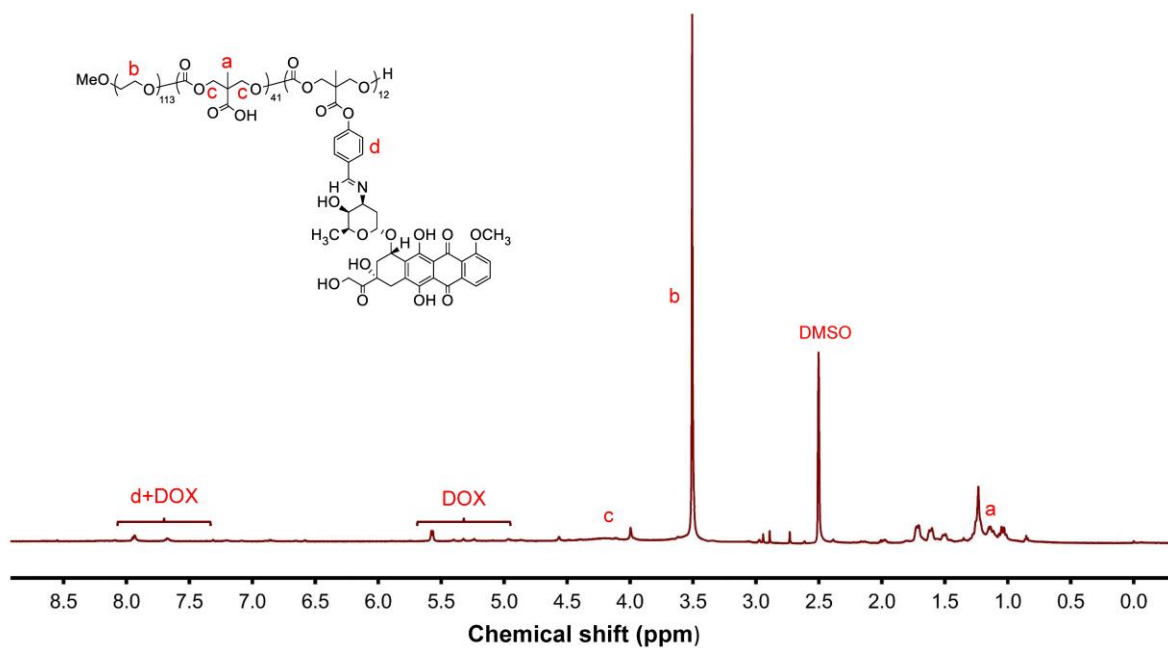


Fig. S2 ^1H NMR spectrum of DOX- P_2 in DMSO.

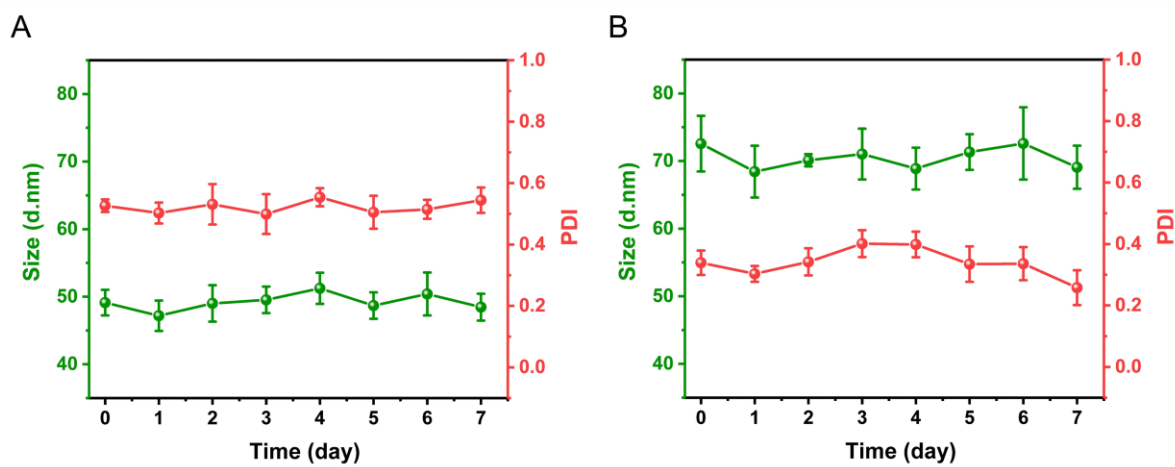


Fig. S3 Size and PDI variation trend of DOX- P_1 NPs (A) and DOX- P_2 NPs (B) incubated at pH 7.4 for 7 days.

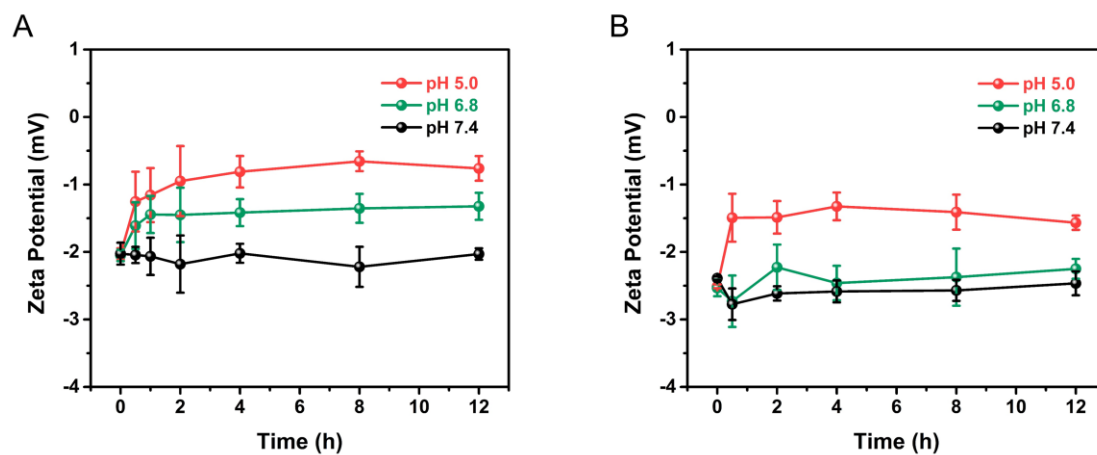


Fig. S4 Zeta potential variation of DOX-P₁ NPs (A) and DOX-P₂ NPs (B) at different pH.

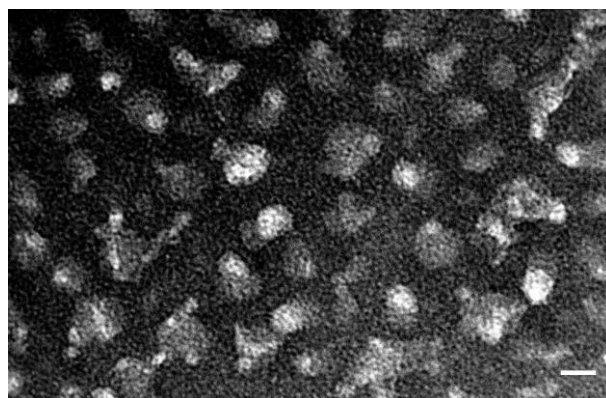


Fig. S5 TEM image of DOX-P₁ NPs at pH 5.0. Scale bar: 20 nm.