Electronic Supplementary Material (ESI) for RSC Advances
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Supporting Information (SI)

Precise control of drug release from dually responsive poly(ether urethane) nanoparticles

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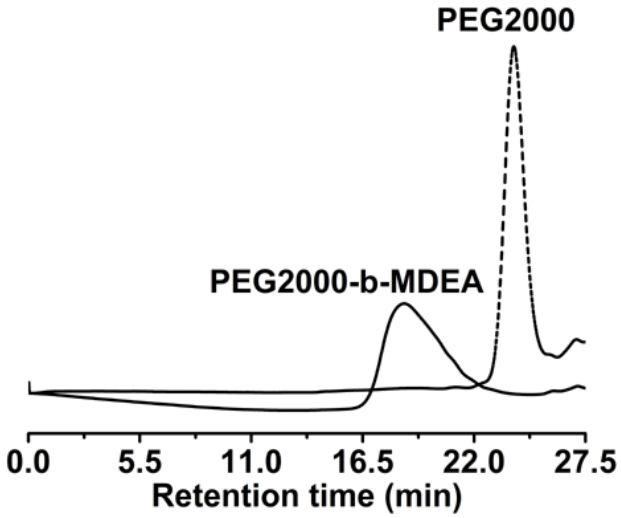

Fig. S1. GPC traces of the poly(ether urethane) PEG2000-b-MDEA and its PEG prepolymer PEG2000.

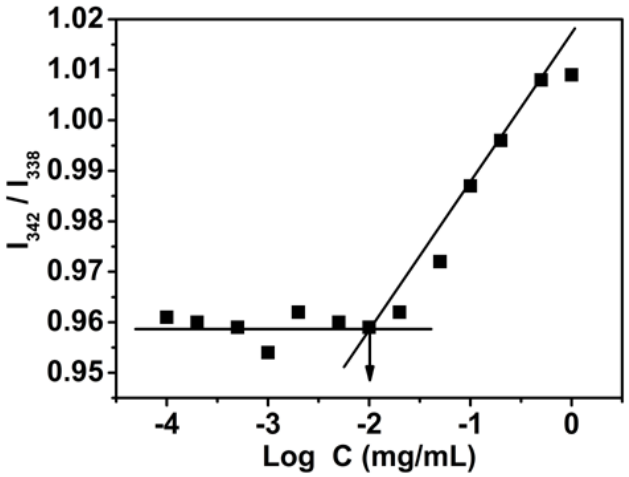

Fig. S2. Intensity ratio I_{342}/I_{338} obtaining from the fluorescence excitation spectra of pyrene plotted versus PEG1000-b-MDEA concentration at 25 °C.

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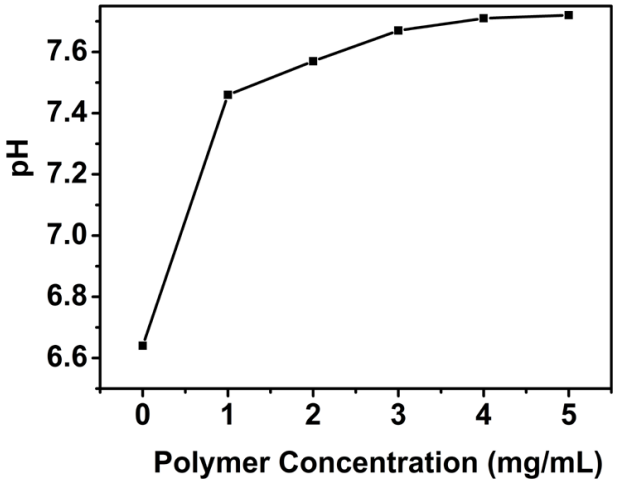

Fig. S3. pH value of the distilled water plotted versus PEG1000-b-MDEA concentration at 25 °C.

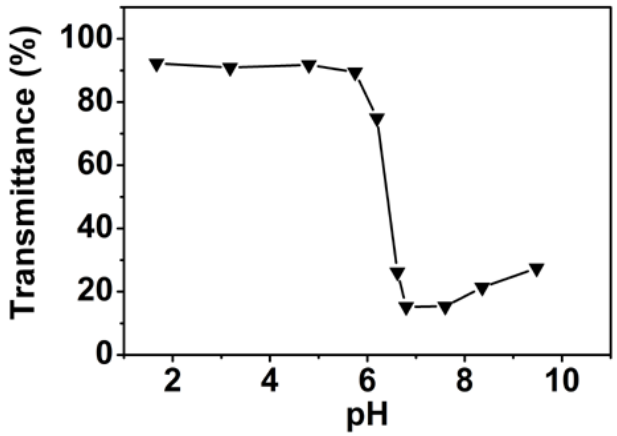

Fig. S4. pH dependence of the transmittance for the PEG600-b-MDEA aqueous solution under different pH condition. PEG600-b-MDEA concentration is 1 mg/mL.

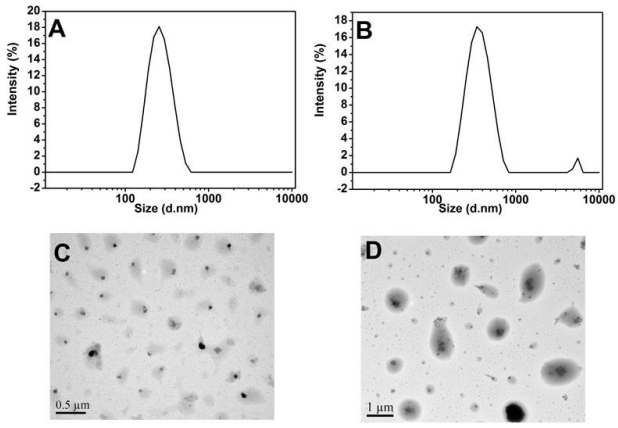

Fig. S5. (A) and (C) DLS and TEM images of blank PEG1000-b-MDEA nanoparticles. (B) and (D) DLS and TEM images of DOX-loaded PEG1000-b-MDEA nanoparticles.