Supporting Information

Double pH-Responsive Supramolecular Copolymer Micelles Based on the Complementary Multiple Hydrogen Bonds of Nucleobases and Acetalated Dextran for Drug Delivery

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Figure S1. The $^1$H NMR spectra of 9-(2-bromoethyl)adenine (a) and A-N$_3$ (b) in DMSO-$d_6$.

Figure S2. FT-IR spectra of A-N$_3$, dextran, $\alpha$-alkyne dextran and Ac-DEX-A.
Figure S3. Cellular survival rates of L929 cells cultured with the (A) AcDEX1-A:T-PEG-T:A-AcDEX1 micelles and AcDEX2-A:T-PEG-T:A-AcDEX2 micelles (B) determined by MTT method.

Figure S4. CLSM-images of Hela cells incubated with DOX-loaded AcDEX2-A:T-PEG-T:A-AcDEX2 micelle for 0.5 (A) and 4 h (B). For each row, images from left to right were: cells with nucleus stained with DAPI (blue), with DOX (red) fluorescence and overlaid images. Bar = 50 µm.