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Supporting Information

For

Transformable nanoparticles triggered by cancer-associated fibroblasts for improving drug permeability and efficacy in desmoplastic tumor

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Figure S1. UV-vis absorption spectra of PAMAM, DOX and DOX-ss-PAMAM.



Figure S2. Cell inhibition rates of different treatments on PC-3 cells at 72 h (n=6). *P<0.05, **P<0.01, ***P<0.001



Figure S3. The level of GSH in CAFs and PC-3 (*n*=3). **P*<0.05, ***P*<0.01, ****P*<0.001



Figure S4. Cell inhibition rates of different treatments on CAFs at 24 h (*n*=6). **P*<0.05, ***P*<0.01, ****P*<0.001



Figure S5. The expression of FAP- α in CAFs and PC-3 cells (*n*=3). **P*<0.05, ***P*<0.01, ****P*<0.001



Figure S6. The cellular uptake analyzed by confocal microscopy at 1 h: a) free DOX, b) HA@DSP, and c) HA@DSP-pep-DSP.