

Electronic Supplementary Information

Acid-base titration

The buffer capability of DEX-PEI and DEX-PEI(-SS-DOX)₂ were determined by acid-base titration assay over the pH of 10~3. 0.5 mg/mL of each sample solution was prepared and were first titrated by 0.1 M NaOH to a pH of 10. Then different volume of 0.1 M HCl was added to the solution, and the pH value was measured using a pH meter.

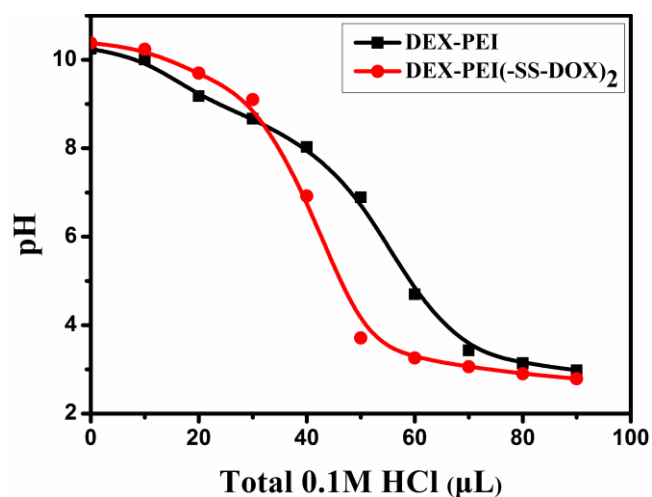


Fig. S1 Acid-base titration profiles of DEX-PEI and DEX-PEI(-SS-DOX)₂.