

Supplementary information

Inhibition of Tumor Growth via Systemic siRNA Delivery Using Reducible Bile Acid-Conjugated Polyethylenimine

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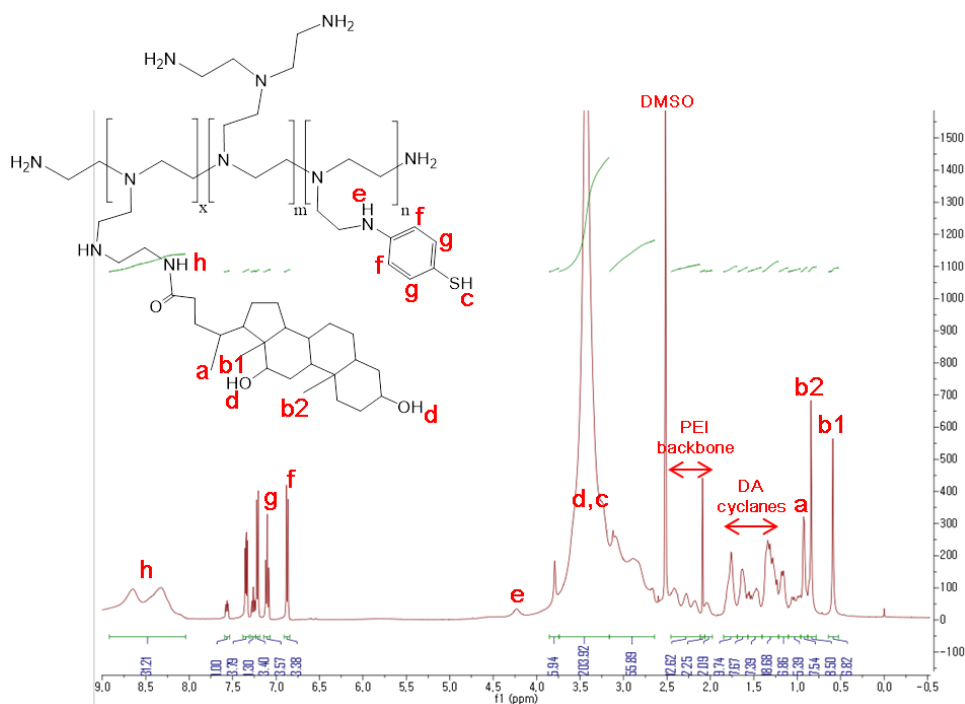


Figure S1. ¹H NMR spectrum of thiophenol (TP)(3)-deoxycholic acid (DA)-polyethylenimine (PEI) in dimethyl sulfoxide (DMSO).

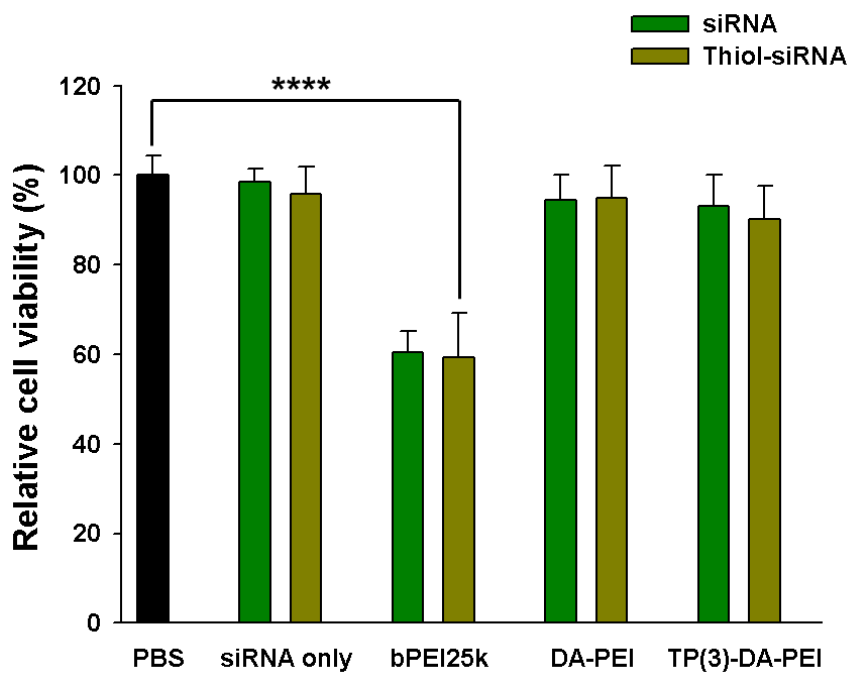


Figure S2. Cytotoxicity of polyplexes formed between small interfering RNA (siRNA) (or thiol-siRNA) and bPEI25k (polymer/siRNA weight ratio = 1), DA-PEI (weight ratio = 3), or TP(3)-DA-PEI (weight ratio = 3) in A549 cells. The fraction of viable cells was measured using 3-(4,5-dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide (MTT) assay. The results are presented as means \pm SD and analyzed using Student's t-test ($n = 6$, **** $p < 0.0001$).