Supporting Information

The Tunable Surface Property of the Temperature-Responsive Polymer-Modified Liposomes Induces Faster Cellular Uptake

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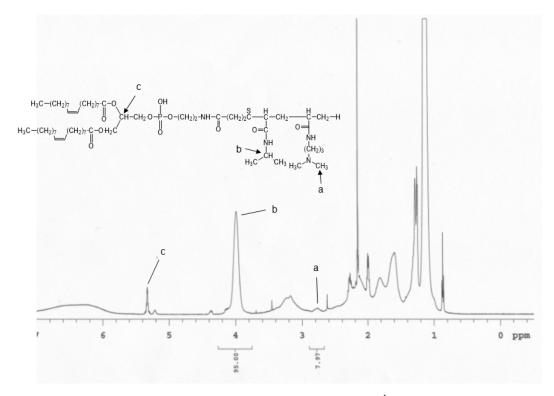


Figure S1. P(NIPAAm-*co*-DMAPAAm)-DOPE was determined by ¹H NMR, by estimation from the integrated proton signals derived from NIPAAm methane (1H, 4.0 ppm), DMAPAAm methyl (6H, 2.9 ppm), and DOPE methane (1H, 5.3 ppm) in CDCl₃

GPC analysis

The molecular weight of P(NIPAAm-*co*-DMAPAAm) was determined by gel permeation chromatography (GPC) analysis (GPC-8020 system; column, TSK-GEL; mobile phase, DMF containing 10 mM LiCl; TOSOH, Tokyo, Japan), calibrated with polyethylene oxide standards.

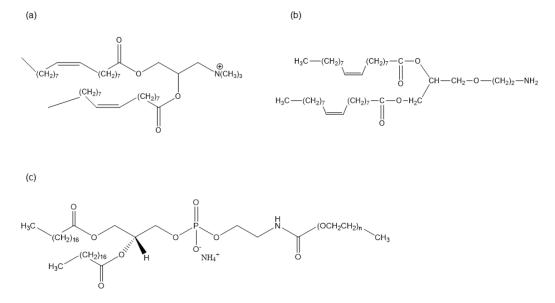


Figure S2. The chemical structures of *N*-[1-(2, 3-dioleoyloxy) propyl]-*N*,*N*,*N*-trimethyl-ammonium methylsulfate (DOTAP) (**a**), 1,2-dioleoyl-sn-glycero-3-phospho-ethanolamine (DOPE) (**b**), and *N*-[methoxy (polyethylene glycol) 2000]-distearoyl phosphatidylethanolamine (PEG-DSPE) (**c**)