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Supplementary Material

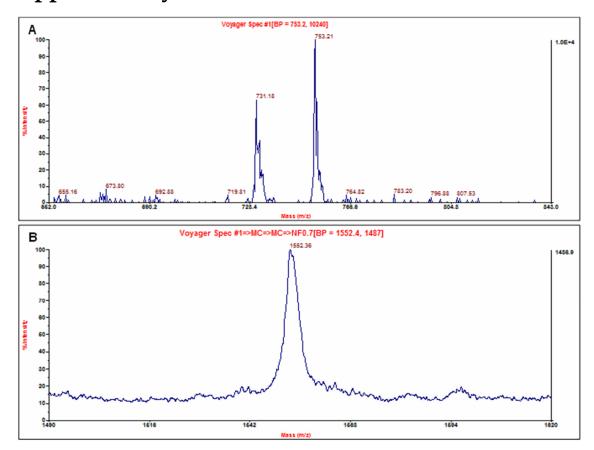


Figure S1. Accumulated mass spectrum (100 shots/ spectra) of **(A)** Ptdthioethanol lipid; and **(B)** cationic lipid-*Z*, with shift in molecular weight confirming 4R peptide conjugation.

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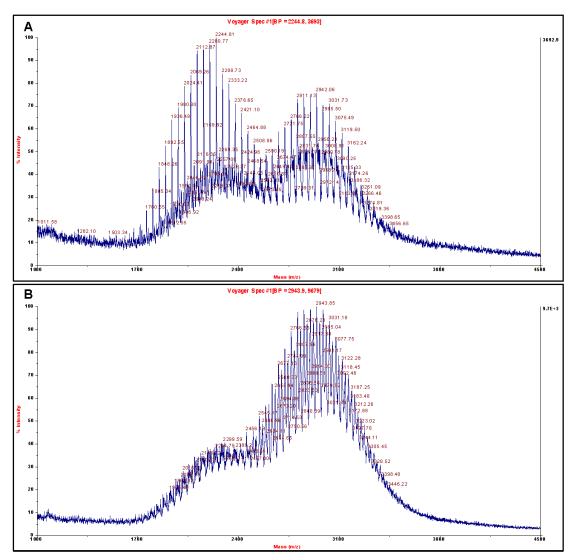


Figure S2. Mass spectrum of **(A)** free DSPE-PEG2000-COOH; and **(B)** conjugated DSPE-PEG2000-Galactosamine showing a shift in molecular weight confirming conjugation.

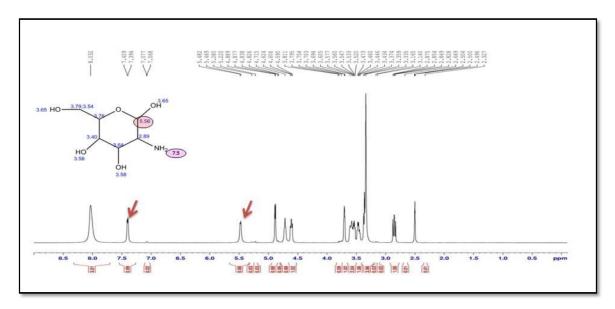


Figure S3. Cont.

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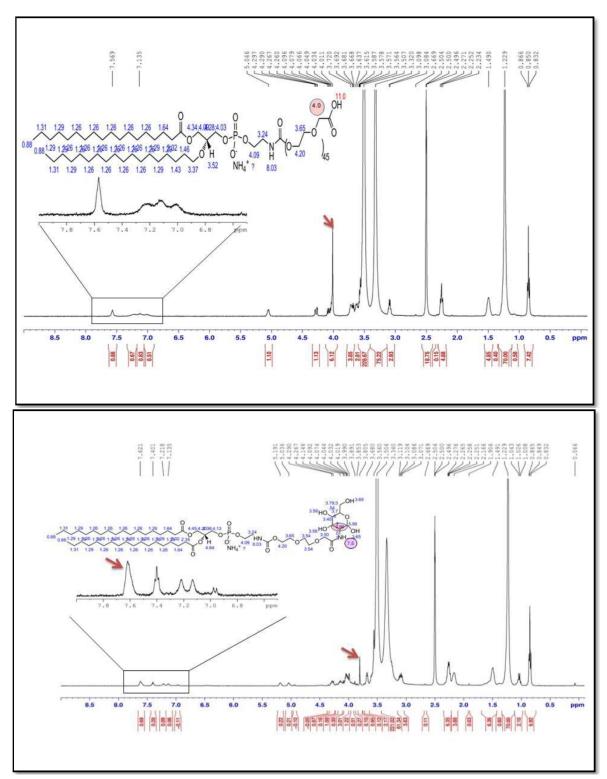


Figure S3. NMR spectrum of D-galactosamine (upper spectrum), DSPE-PEG2000-COOH (middle spectrum) and DSPE-PEG2000-Galactosamine (lower spectrum) with peak shifts indicating successful conjugation. Percent conjugation was calculated from spectra to be ~30%.



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