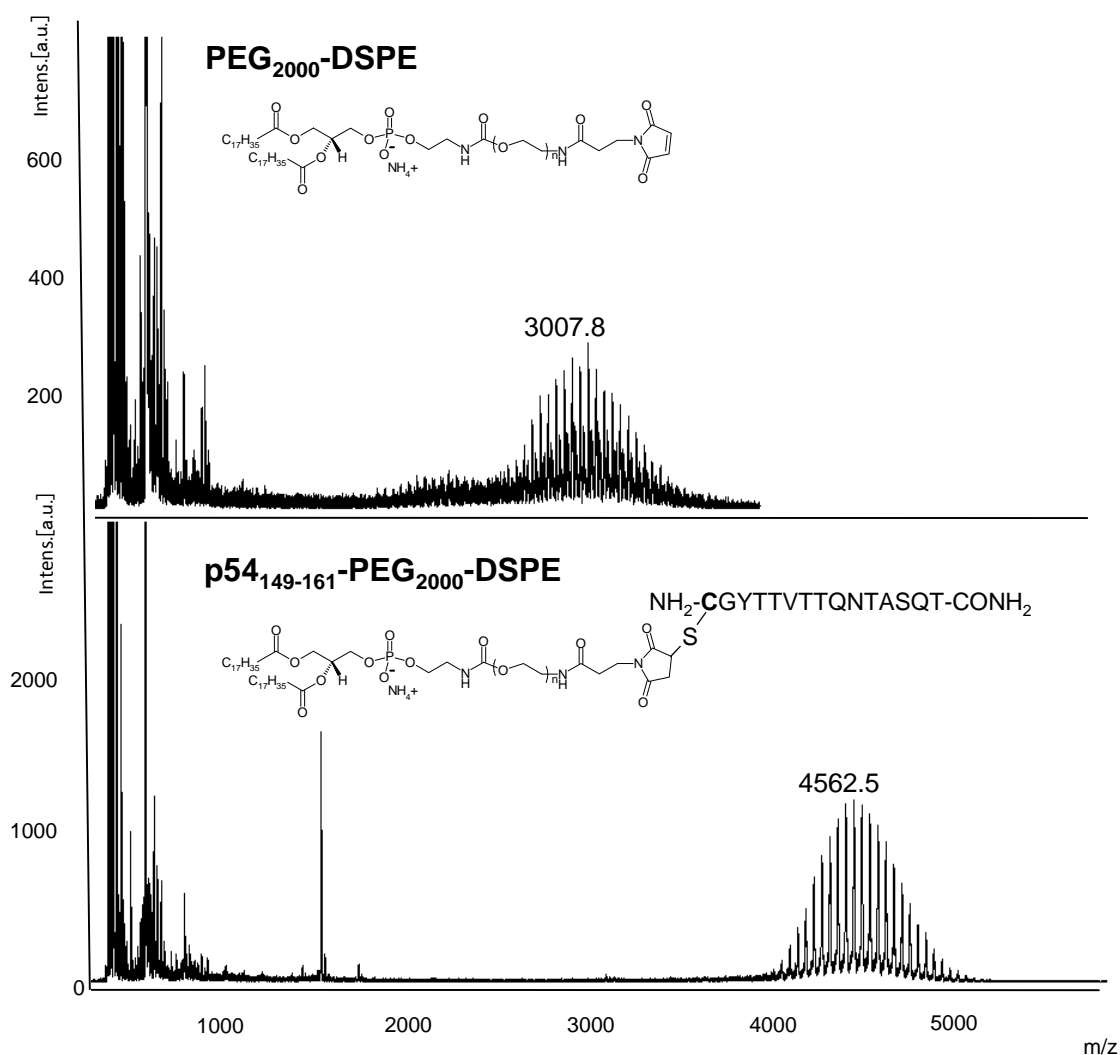


Supplemental Figure S1



Supplemental Figure S1:
Conjugation of p54₁₄₉₋₁₆₁ with PEG-lipid

p54₁₄₉₋₁₆₁-PEG2000-DSPE was synthesized by conjugation of a cystein-introduced and C-terminally amidated peptide (NH₂-CGYTTVTTQNTASQT-CONH₂) (calculated MW 1574.7 and observed MW 1579.2) with Maleimide-PEG-DSPE (calculated Mn 2936.3 and observed Mn 3007.8) in DMSO.

A MALDI-TOF MS analysis was performed on the Maleimide-PEG-DSPE (upper) and the conjugation of P54₁₄₉₋₁₆₁-PEG2000-DSPE (below) was confirmed from fragment shifts.