

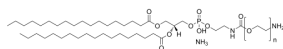
DSPE-PEG-Amine, MW 2000 (ammonium)

Cat. No.: HY-125924
 CAS No.: 474922-26-4
 Batch No.: 67744
 Chemical Name: Poly(oxy-1,2-ethanediyl), α -[(9R)-6-hydroxy-6-oxido-1,12-dioxo-9-[(1-oxooctadecyl)oxy]-5,7,11-trioxo-2-aza-6-phosphanonacos-1-yl]- ω -(2-aminoethoxy)-, ammonium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $(C_2H_4O)_n C_{44}H_{87}N_2O_{10}P.NH_3$
 Molecular Weight: 2000(Average)
 Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 1H NMR Spectrum: Consistent with structure
 MS: Consistent with structure
 Purity (NMR): $\geq 98.0\%$
 Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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