

DSPE-PEG-Amine, MW 1000 ammonium

Chemical Properties

CAS No. : 474922-26-4

Formula: $(C_2H_4O)_n C_{44}H_{87}N_2O_{10}P.NH_3$

Molecular Weight:

Keep away from moisture, Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	DSPE-PEG-Amine, MW 1000 ammonium is an amphiphilic polymer frequently employed in the preparation of liposomes and nanoparticles. Its amine group enables diverse functionalities including drug targeting, surface modification, and bioconjugation.
Targets(IC50)	Others, Liposome

Reference

Nagata H, et al. Preparation and Catalytic Properties of Carbonic Anhydrase Conjugated to Liposomes through a Bis-Aryl Hydrazone Bond. ACS Omega. 2023 May 16;8(21):18637-18652.

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