

DSPE-PEG-NHS (MW 3400)

Chemical Properties

CAS No. : 1244784-44-8

Formula: (C₂H₄O)_nC₅₄H₉₈N₃O₁₅P.Na

Molecular Weight:

Storage: Keep away from direct sunlight, Keep away from moisture, Store at low temperature
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-NHS (MW 3400) is a PEGylated phospholipid derivative designed for advanced lipid formulation applications, particularly in the preparation of liposomes, where it enables efficient surface modification and functionalization, and is widely used as a delivery material for nucleic acid-based therapeutics such as DNA and mRNA vaccines, supporting research in drug delivery systems, nanomedicine, and vaccine formulation technologies.
Targets(IC50)	ADC Linker

Reference

Tran NBNN, et al., Gradient-dependent release of the model drug TRITC-dextran from FITC-labeled BSA hydrogel nanocarriers in the hair follicles of porcine ear skin. Eur J Pharm Biopharm. 2017 Jul;116:12-16.

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