

DSPE-PEG(2000)-COOH

Chemical Properties

CAS No. : 1445832-74-5

Formula: (C₂H₄O)_nC₄₈H₉₁N₂O₁₃P

Molecular Weight:

Keep away from moisture, Keep away from direct sunlight

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(2000)-COOH, a 1,2-distearoyl-sn-glycero-3-PE (DSPE) derivative modified by PEGylation and carboxylation, is a non-toxic and biodegradable amphiphilic copolymer that can be used to form micelles to deliver nanoparticles.
Targets(IC50)	Liposome

Reference

Norouz Dizaji A, Yazdani Kohneshahri M, Gafil S, Muhammed MT, Ozkan T, Inci I, Uzun C, Yalcin EA. Fluorescence labelled XT5 modified nano-capsules enable highly sensitive myeloma cells detection. Nanotechnology. 2022 Apr 8;33(26).

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