

DSPE-NHS

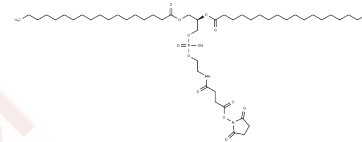
Chemical Properties

CAS No. : 1383932-86-2

Formula: C49H89N2O13P

Molecular Weight: 945.21

Storage: Store at low temperature, Keep away from direct sunlight, Keep away from moisture
 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-NHS is a lipid that is often combined with other compounds to form nanoemulsions that can be used in skin care products and pharmaceuticals.
Targets(IC50)	Others, Liposome

Solubility Information

Solubility	DMSO: 1 mg/mL (1.06 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.058 mL	5.2898 mL	10.5797 mL
5 mM	0.2116 mL	1.058 mL	2.1159 mL
10 mM	0.1058 mL	0.529 mL	1.058 mL
50 mM	0.0212 mL	0.1058 mL	0.2116 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mikio Tatsutomi, et al. Preparation of a nitric oxide imaging agent from gelatin derivative micelles. Regen Ther. 2016 Sep 14;5:64-71.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481