

DSPE-PEG-Folate

Chemical Properties

CAS No. :	1236288-25-7
Formula:	C65H114N11O16P
Molecular Weight:	3400
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	DSPE-PEG-Folate (Mw 3350), a derivative of PEG with folic acid content, exhibits targeting capability by binding to folate receptors on cancer cells. It forms micelles/lipid bilayers, facilitating its use in targeted drug delivery system research [1] [2] [3].
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2941 mL	1.4706 mL	2.9412 mL
5 mM	0.0588 mL	0.2941 mL	0.5882 mL
10 mM	0.0294 mL	0.1471 mL	0.2941 mL
50 mM	0.0059 mL	0.0294 mL	0.0588 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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