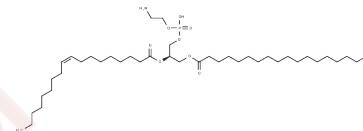


1-Stearoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine

Chemical Properties

CAS No. : 6418-95-7
 Formula: C41H80NO8P
 Molecular Weight: 746.05
 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	1-Stearoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine is a phospholipid containing stearic acid and oleic acid at the sn-1 and sn-2 positions, respectively. It has been used to generate lipid nanoparticles (LNPs) for the delivery of mRNA or DNA. It can be used in membrane biology, lipid system preparation, and autophagy research.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3404 mL	6.702 mL	13.4039 mL
5 mM	0.2681 mL	1.3404 mL	2.6808 mL
10 mM	0.134 mL	0.6702 mL	1.3404 mL
50 mM	0.0268 mL	0.134 mL	0.2681 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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