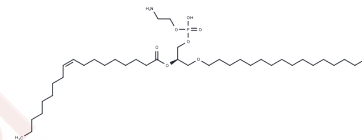


C16-18:1 PE

Chemical Properties

CAS No. : 119904-40-4
 Formula: C₃₉H₇₈NO₇P
 Molecular Weight: 704.01
 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	C16-18:1 PE is a lipid known for its role in facilitating membrane fusion and enhancing endosomal escape, significantly boosting mRNA delivery efficiency. This compound is utilized in the synthesis of lipid nanoparticles (LNP).
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4204 mL	7.1022 mL	14.2043 mL
5 mM	0.2841 mL	1.4204 mL	2.8409 mL
10 mM	0.142 mL	0.7102 mL	1.4204 mL
50 mM	0.0284 mL	0.142 mL	0.2841 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481