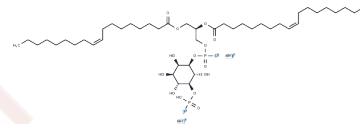


1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium

Chemical Properties

CAS No. :	1246303-10-5
Formula:	C45H90N2O16P2
Molecular Weight:	977.15
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	1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium functions as a membrane-associated signaling molecule that plays a role in regulating membrane transport and signal transduction within cells. It is utilized in the preparation of liposomes to enhance compound delivery efficiency. Additionally, this compound acts as a coordinator of the actin cytoskeleton, contributing to the regulation of cell morphology and movement.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0234 mL	5.1169 mL	10.2338 mL
5 mM	0.2047 mL	1.0234 mL	2.0468 mL
10 mM	0.1023 mL	0.5117 mL	1.0234 mL
50 mM	0.0205 mL	0.1023 mL	0.2047 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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