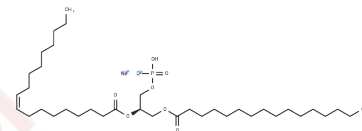


1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphate sodium

Chemical Properties

CAS No. :	169437-35-8
Formula:	C37H70NaO8P
Molecular Weight:	696.91
Storage:	Keep away from moisture 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	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphate sodium is a phospholipid molecule, which is involved in regulating the fluidity of biofilm and plays a role in cell signal transduction. 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphate sodium can be used to study its effect on the activities of membrane-related enzymes, and it is of great significance in maintaining the structure and function of cell membranes.
Targets(IC50)	Others

Solubility Information

Solubility	Methanol: 16.67 mg/mL (23.92 mM),Sonication is recommended. H2O: < 1?mg/mL?(insoluble),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4349 mL	7.1745 mL	14.3491 mL
5 mM	0.287 mL	1.4349 mL	2.8698 mL
10 mM	0.1435 mL	0.7175 mL	1.4349 mL
50 mM	0.0287 mL	0.1435 mL	0.287 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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