

1-Myristoyl-2-palmitoyl-sn-glycero-3-phosphocholine

Chemical Properties

CAS No. : 69525-80-0

Formula: C₃₈H₇₆N₂O₈P

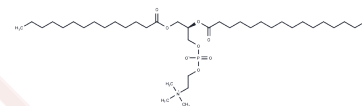
Molecular Weight: 705.99

The compound is unstable in solution. Please use soon

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-Myristoyl-2-palmitoyl-sn-glycero-3-phosphocholine is an asymmetric phosphatidylcholine containing myristic acid (14:0) at the sn-1 position and palmitic acid (16:0) at the sn-2 position, and it exhibits good membrane stability and fluidity. It is commonly used in the formation of micelles, liposomes, and other types of artificial membranes.
Targets(IC50)	Liposome

Solubility Information

Solubility	DMSO: Slightly soluble, The compound is unstable in solution. Please use soon. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4165 mL	7.0823 mL	14.1645 mL
5 mM	0.2833 mL	1.4165 mL	2.8329 mL
10 mM	0.1416 mL	0.7082 mL	1.4165 mL
50 mM	0.0283 mL	0.1416 mL	0.2833 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481