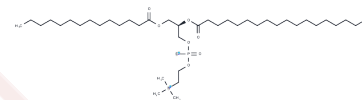


1-Myristoyl-2-stearoyl-sn-glycero-3-phosphocholine

Chemical Properties

CAS No. :	76343-22-1
Formula:	C40H80NO8P
Molecular Weight:	734.04
Storage:	Store at low temperature 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-Myristoyl-2-stearoyl-sn-glycero-3-phosphocholine is an endogenous metabolite. 1-Myristoyl-2-stearoyl-sn-glycero-3-phosphocholine is a non-limiting exemplary phosphatidyl choline.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3623 mL	6.8116 mL	13.6232 mL
5 mM	0.2725 mL	1.3623 mL	2.7246 mL
10 mM	0.1362 mL	0.6812 mL	1.3623 mL
50 mM	0.0272 mL	0.1362 mL	0.2725 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.

Reference

Jeffrey S. Hall, et al. Manufacturing of bupivacaine multivesicular liposomes. US11033495B1

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