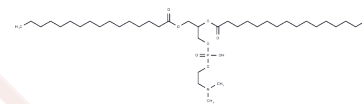


1,2-Dipalmitoyl-sn-glycero-3-N,N-dimethyl-PE

Chemical Properties

CAS No. :	3922-61-0
Formula:	C39H78NO8P
Molecular Weight:	720.026
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-Dipalmitoyl-sn-glycero-3-N,N-dimethyl-PE is a derivative of 1,2-dipalmitoyl-sn-glycero-3-PE (1,2-DPPE) with two added methyl groups on its sn-3 moiety, which in aqueous suspensions, reduces the phase transition temperature relative to those of 1,2-DPPE and 1,2-dipalmitoyl-sn-glycero-3-N-methyl-PE (1,2-NMeDPPE). It is utilized in creating liposomes and monolayers for investigating membrane permeability and monolayer viscosity.
Targets(IC50)	Others,Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3888 mL	6.9442 mL	13.8883 mL
5 mM	0.2778 mL	1.3888 mL	2.7777 mL
10 mM	0.1389 mL	0.6944 mL	1.3888 mL
50 mM	0.0278 mL	0.1389 mL	0.2778 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