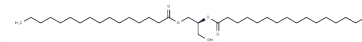


1,2-Dipalmitoyl-sn-glycerol

Chemical Properties

CAS No. :	30334-71-5
Formula:	C35H68O5
Molecular Weight:	568.91
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	1,2-Dipalmitoyl-sn-glycerol ((S)-1,2-Dipalmitin) is an analog of the PKC-activating second messenger diacylglycerol (DAG). It weakly activates PKC.
Targets(IC50)	Endogenous Metabolite,PKC

Solubility Information

Solubility	DMSO: Insoluble, H2O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7577 mL	8.7887 mL	17.5775 mL
5 mM	0.3515 mL	1.7577 mL	3.5155 mL
10 mM	0.1758 mL	0.8789 mL	1.7577 mL
50 mM	0.0352 mL	0.1758 mL	0.3515 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

Walker J M , Sando J J . Activation of protein kinase C by short chain phosphatidylcholines[J]. Journal of Biological Chemistry, 1988, 263(10):4537-40.

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