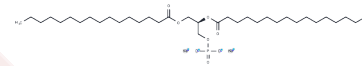


1,2-Dipalmitoyl-sn-glycerol 3-phosphate sodium

Chemical Properties

CAS No. :	169051-60-9
Formula:	C35H68NaO8P
Molecular Weight:	670.87
Storage:	Store at low temperature, 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	1,2-Dipalmitoyl-sn-glycerol 3-phosphate sodium, a phosphatidic acid, is an endogenous human metabolite.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 1 mg/mL (1.49 mM), Sonication is recommended. Chloroform: < 0.8 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4906 mL	7.453 mL	14.906 mL
5 mM	0.2981 mL	1.4906 mL	2.9812 mL
10 mM	0.1491 mL	0.7453 mL	1.4906 mL
50 mM	0.0298 mL	0.1491 mL	0.2981 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

Niedernberg A, et al. Sphingosine 1-phosphate and dioleoylphosphatidic acid are low affinity agonists for the orphan receptor GPR63. *Cell Signal.* 2003 Apr;15(4):435-46.

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