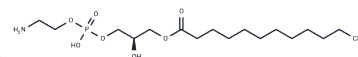


1-Dodecanoyl-sn-glycerophosphoethanolamine

Chemical Properties

CAS No. :	120578-22-5
Formula:	C17H36NO7P
Molecular Weight:	397.44
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-Dodecanoyl-sn-glycerophosphoethanolamine is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5161 mL	12.5805 mL	25.161 mL
5 mM	0.5032 mL	2.5161 mL	5.0322 mL
10 mM	0.2516 mL	1.2581 mL	2.5161 mL
50 mM	0.0503 mL	0.2516 mL	0.5032 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

- Wolf DE, Winiski AP, Ting AE, Bocian KM, Pagano RE. Determination of the transbilayer distribution of fluorescent lipid analogues by nonradiative fluorescence resonance energy transfer. *Biochemistry*. 1992 Mar 24;31(11):2865-73. PubMed PMID: 1550813.
- Gow A, Auton W, Smith R. Interactions between bovine myelin basic protein and zwitterionic lysophospholipids. *Biochemistry*. 1990 Feb 6;29(5):1142-7. PubMed PMID: 1691016.
- Wakamatsu K, Choung SY, Kobayashi T, Inoue K, Higashijima T, Miyazawa T. Complex formation of peptide antibiotic Ro09-0198 with lysophosphatidylethanolamine: 1H NMR analyses in dimethyl sulfoxide solution. *Biochemistry*. 1990 Jan 9;29(1):113-8. PubMed PMID: 2157477.

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