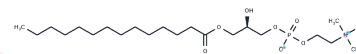


## LysoPC(14:0/0:0)

## Chemical Properties

CAS No. :	20559-16-4
Formula:	C22H46NO7P
Molecular Weight:	467.58
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	LysoPC(14:0/0:0) is a lysophospholipid (LyP) and mono-glycerophospholipid.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: < 0.5 mg/mL, Sonication is recommended. H2O: 50 mg/mL (106.93 mM), Sonication is recommended. Ethanol: 21.7 mg/mL (46.41 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1387 mL	10.6934 mL	21.3867 mL
5 mM	0.4277 mL	2.1387 mL	4.2773 mL
10 mM	0.2139 mL	1.0693 mL	2.1387 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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

Tsukatani H, et al. Comparison of antispasmodic effect of synthetic lysolecithins with various fatty acid moieties on guinea pig ileum. J Pharmacobiodyn. 1984 Jun;7(6):400-6.

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