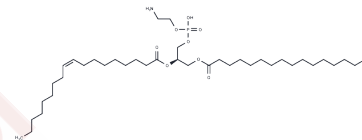


POPE

Chemical Properties

CAS No. :	26662-94-2
Formula:	C ₃₉ H ₇₆ N ₀ O ₈ P
Molecular Weight:	718
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	POPE(1-Palmitoyl-2-oleoyl-sn-glycero-3-PE) is a compound found in Escherichia coli, part of the cell membrane, and can be used to study changes in cell membrane permeability.
Targets(IC50)	Others,Liposome

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.3928 mL	6.9638 mL	13.9276 mL
5 mM	0.2786 mL	1.3928 mL	2.7855 mL
10 mM	0.1393 mL	0.6964 mL	1.3928 mL
50 mM	0.0279 mL	0.1393 mL	0.2786 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

Yusuf M, et al. Residual Interactions of LL-37 with POPC and POPE:POPG Bilayer Model Studied by All-Atom Molecular Dynamics Simulation. Int J Mol Sci. 2022 ; 23(21):13413.

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