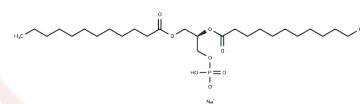


1,2-Dilauroyl-sn-glycero-3-PA sodium

Chemical Properties

CAS No. :	108321-06-8
Formula:	C ₂₇ H ₅₂ O ₈ P ₂ Na
Molecular Weight:	558.66
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	1,2-Dilauroyl-sn-glycero-3-PA sodium is a phospholipid compound linked with medium-chain lauric acid (12:0) at the sn-1 and sn-2 positions, which can be used in liposome preparation.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.790 mL	8.950 mL	17.900 mL
5 mM	0.358 mL	1.790 mL	3.580 mL
10 mM	0.179 mL	0.895 mL	1.790 mL
50 mM	0.0358 mL	0.179 mL	0.358 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

Wang X, Miller DS, Bukusoglu E, de Pablo JJ, Abbott NL. Topological defects in liquid crystals as templates for molecular self-assembly. Nat Mater. 2016;15(1):106-112.

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