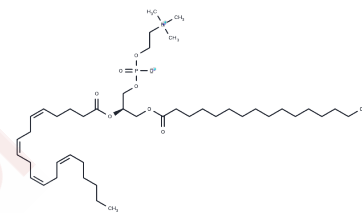


1-Palmitoyl-2-Arachidonoyl-sn-glycero-3-PC

Chemical Properties

CAS No. :	35418-58-7
Formula:	C44H80NO8P
Molecular Weight:	782.08
Storage:	Store at low temperature 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-Palmitoyl-2-Arachidonoyl-sn-glycero-3-PC (1-Palmitoyl-2-Arachidonoyl-sn-glycero-3-Phosphocholine) is a phospholipid found in biological membranes that contains palmitic acid (16:0) and arachidonic acid (20:0) in its structure. (16:0) and arachidonic acid (20:4) in its structure.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2786 mL	6.3932 mL	12.7864 mL
5 mM	0.2557 mL	1.2786 mL	2.5573 mL
10 mM	0.1279 mL	0.6393 mL	1.2786 mL
50 mM	0.0256 mL	0.1279 mL	0.2557 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

- Gugiu, et al. Protein targets of oxidized phospholipids in endothelial cells. *J. Lipid Res.* 49, 510-520 (2008).
 Takahashi H, et al. Structural Analysis of Phospholipid Using Hydrogen Abstraction Dissociation and Oxygen Attachment Dissociation in Tandem Mass Spectrometry. *Anal Chem.* 2018 Jun 19;90(12):7230-7238.

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