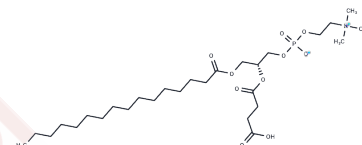


1-Palmitoyl-2-succinyl-sn-glycerophosphorylcholine

Chemical Properties

CAS No. :	89947-80-8
Formula:	C ₂₈ H ₅₄ N ₁ O ₁₀ P
Molecular Weight:	595.7
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-Palmitoyl-2-succinyl-sn-glycerophosphorylcholine, a glycerophosphorylcholine derivative, comprises glycerol phosphate, choline, and palmitic acid and accumulates at oxidative stress sites in vivo. It potentially acts as a ligand for scavenger receptors class B, akin to oxidized phospholipids oxPC(CD36), which are established potent ligands for receptors CD36 and SR-BI. These oxidized phospholipids also play a pivotal role in promoting tumor apoptosis and may present in higher concentrations within malignant biliary strictures [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6787 mL	8.3935 mL	16.787 mL
5 mM	0.3357 mL	1.6787 mL	3.3574 mL
10 mM	0.1679 mL	0.8393 mL	1.6787 mL
50 mM	0.0336 mL	0.1679 mL	0.3357 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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