

1-1(Z)-Hexadecenyl-2-Palmitoyl-sn-glycero-3-PC

Chemical Properties

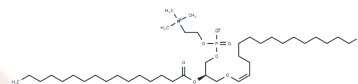
CAS No. : 126901-45-9

Formula: C40H80NO7P

Molecular Weight: 718.1

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	1-1(Z)-Hexadecenyl-2-palmitoyl-sn-glycero-3-PC, a plasmalogen, appears in various rat tissues including the liver, heart, kidney, and both gluteus and soleus muscles, as well as visceral and subcutaneous adipose tissues. It serves in lipid bilayer synthesis to investigate how amphiphilic compounds, like lysophosphatidylcholine (1-palmitoyl-2-hydroxy-sn-glycero-3-PC) and lysoplasménylcholine, influence membrane dynamics.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3926 mL	6.9628 mL	13.9256 mL
5 mM	0.2785 mL	1.3926 mL	2.7851 mL
10 mM	0.1393 mL	0.6963 mL	1.3926 mL
50 mM	0.0279 mL	0.1393 mL	0.2785 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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