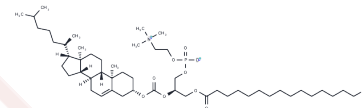


## 1-Palmitoyl-2-cholesterylcarbonoyl-sn-glycero-3-phosphocholine

## Chemical Properties

CAS No. :	1085528-78-4
Formula:	C52H94NO9P
Molecular Weight:	908.28
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-cholesterylcarbonoyl-sn-glycero-3-phosphocholine is a sterol-modified phospholipid known for stabilizing membrane bilayer structures and enhancing the activity of compound delivery mediated by liposomes. This compound is extensively utilized in biomedical applications to improve the efficiency of compound delivery. Additionally, 1-Palmitoyl-2-cholesterylcarbonoyl-sn-glycero-3-phosphocholine can optimize intracellular release and distribution of compounds.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.101 mL	5.5049 mL	11.0098 mL
5 mM	0.2202 mL	1.101 mL	2.202 mL
10 mM	0.1101 mL	0.5505 mL	1.101 mL
50 mM	0.022 mL	0.1101 mL	0.2202 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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