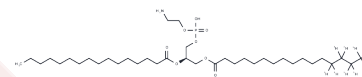


## 1-Palmitoyl-D9-2-Palmitoyl-sn-glycero-3-PE

## Chemical Properties

CAS No. :	2747990-85-6
Formula:	C37H65D9NO8P
Molecular Weight:	701.01
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-D9-2-Palmitoyl-sn-glycero-3-PE is essential in the inner plasma membrane leaflet. This compound forms a condensed lipid monolayer with cholesterol through tight hydrogen bonding between 1,2-DPPE headgroups, enhancing membrane fluidity to support transport and signaling.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4265 mL	7.1326 mL	14.2651 mL
5 mM	0.2853 mL	1.4265 mL	2.853 mL
10 mM	0.1427 mL	0.7133 mL	1.4265 mL
50 mM	0.0285 mL	0.1427 mL	0.2853 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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