

## 1-Palmitoyl-D9-2-Palmitoyl-sn-glycerol

## Chemical Properties

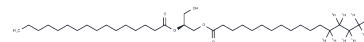
CAS No. : 1872379-48-0

Formula: C35H59D9O5

Molecular Weight: 578

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-glycerol is diacylglycerol, featuring palmitic acid at both the sn-1 and sn-2 positions, stimulates protein kinase C (PKC) activity by 15% at a 25 $\mu$ M concentration. Additionally, 1,2-dipalmitoyl-sn-glycerol encourages rapid growth in Frankia, a genus of Gram-positive bacteria.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7301 mL	8.6505 mL	17.301 mL
5 mM	0.346 mL	1.7301 mL	3.4602 mL
10 mM	0.173 mL	0.8651 mL	1.7301 mL
50 mM	0.0346 mL	0.173 mL	0.346 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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