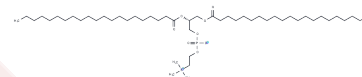


## 1,2-Diheneicosanoyl-sn-glycero-3-phosphocholine

## Chemical Properties

CAS No. :	253685-28-8
Formula:	C50H100NO8P
Molecular Weight:	874.31
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	1,2-Diheneicosanoyl-sn-glycero-3-phosphocholine (21:0 PC) is a surfactant with antibacterial properties that helps inhibit the spread of bacteria. It functions within mucus to prevent the dissemination of pathogens. Moreover, 1,2-Diheneicosanoyl-sn-glycero-3-phosphocholine plays a protective role in biofilms, contributing to the maintenance of organismal health.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1438 mL	5.7188 mL	11.4376 mL
5 mM	0.2288 mL	1.1438 mL	2.2875 mL
10 mM	0.1144 mL	0.5719 mL	1.1438 mL
50 mM	0.0229 mL	0.1144 mL	0.2288 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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