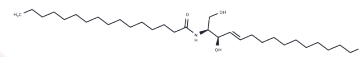


## C16 Ceramide (d16:1,C16:0)

## Chemical Properties

CAS No. : 123065-37-2  
 Formula: C32H63NO3  
 Molecular Weight: 509.85  
 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	C16 Ceramide (d16:1,C16:0) is a bioactive sphingolipid that induces the formation and thermal stabilization of ordered phases and gel phases enriched in palmitoyl sphingomyelin domains within palmitoyl phosphatidylcholine (POPC) bilayers. It is found in human erythrocyte sphingomyelin.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9614 mL	9.8068 mL	19.6136 mL
5 mM	0.3923 mL	1.9614 mL	3.9227 mL
10 mM	0.1961 mL	0.9807 mL	1.9614 mL
50 mM	0.0392 mL	0.1961 mL	0.3923 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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