

## Lactosylsphingosine (d18:1)

## Chemical Properties

CAS No. : 109785-20-8

Formula: C30H57NO12

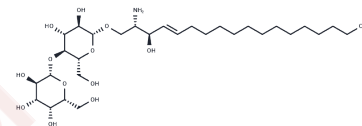
Molecular Weight: 623.77

Keep away from direct sunlight, Store at low temperature

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	Lactosylsphingosine (d18:1) is a sphingolipid with a lactose moiety that can inhibit fMetLeuPhe-induced cell aggregation at a concentration of 1 $\mu$ m.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	Chloroform:Methanol:Water (2:1:0.1): Soluble, Sonication is recommended. Chloroform:Methanol:H2O (2:1:0.1): Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6032 mL	8.0158 mL	16.0316 mL
5 mM	0.3206 mL	1.6032 mL	3.2063 mL
10 mM	0.1603 mL	0.8016 mL	1.6032 mL
50 mM	0.0321 mL	0.1603 mL	0.3206 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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