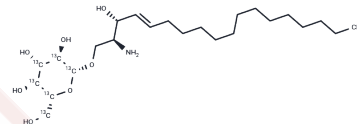


13C6 Glucosylsphingosine (d18:1)

Chemical Properties

CAS No. :	299172-48-8
Formula:	C24H47NO7
Molecular Weight:	467.59
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	13C6 Glucosylsphingosine (D18:1) is an isotopically enriched form of 1-β-D-glucosylsphingosine (D18:1) that is intended for use as an internal standard for the quantification of 1-β-D-glucosylsphingosine by GC- or LC-MS. 1-β-D-Glucosylsphingosine is a lysolipid derivative of glucosylcerebroside that decreases activity of glucocerebrosidase in LA-N-2 cells in a dose-dependent manner.
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Solubility Information

Solubility	Ethanol: Soluble Chloroform:Methanol (2:1): Soluble Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1386 mL	10.6931 mL	21.3863 mL
5 mM	0.4277 mL	2.1386 mL	4.2773 mL
10 mM	0.2139 mL	1.0693 mL	2.1386 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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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