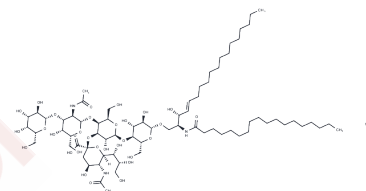


C18 Ganglioside GM1 (d18:1/18:0) ammonium salt

Chemical Properties

CAS No. :	1329115-44-7
Formula:	C73H134N4O31
Molecular Weight:	1563.85
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	Ganglioside GM1, a monosialylated ganglioside and the prototypical ganglioside, contains a single sialic acid residue. C18 Ganglioside GM1 is predominantly located in the brain, especially in the piriform cortex, amygdala nucleus, striatum, and hippocampal CA1 region. The C18 ganglioside GM1 (d20:1/18:0) to (d18:1/18:0) ratio is reduced in the outer molecular layer of the hippocampal dentate gyrus in Alzheimer's disease patients' postmortem tissue. Since this product is naturally sourced, variations in the sphingoid backbone may occur. [Matreya, LLC.]
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6394 mL	3.1972 mL	6.3945 mL
5 mM	0.1279 mL	0.6394 mL	1.2789 mL
10 mM	0.0639 mL	0.3197 mL	0.6394 mL
50 mM	0.0128 mL	0.0639 mL	0.1279 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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