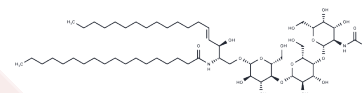


Ganglioside GM2 Asialo Mixture

Chemical Properties

CAS No. :	35960-33-9
Formula:	C ₅₆ H ₁₀₄ N ₂ O ₁₈
Molecular Weight:	1093.444
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 GM2 asialo (asialo- GM2) is a glycosphingolipid containing three monosaccharide residues and a fatty acid of variable chain length but lacking the sialic acid residue present on ganglioside M2. Asialo-GM2 levels are low-to-undetectable in normal human brain, but it accumulates in the brain of patients with Tay-Sachs and Sandhoff disease, which are neurodegenerative disorders characterized by deficiency of lysosomal β -hexosaminidase A and B, respectively. It also binds to various bacteria, including Pseudomonas isolates derived from cystic fibrosis patients. Asialo-GM2 mixture contains ganglioside GM2 asialo molecular species with fatty acyl chains of variable lengths.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform:Methanol:H ₂ O (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	0.9145 mL	4.5727 mL	9.1454 mL
5 mM	0.1829 mL	0.9145 mL	1.8291 mL
10 mM	0.0915 mL	0.4573 mL	0.9145 mL
50 mM	0.0183 mL	0.0915 mL	0.1829 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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