

Ganglioside GD3 (d18:1/12:0)

Chemical Properties

CAS No. :	138749-26-5
Formula:	C57H104N2O21
Molecular Weight:	1153.45
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Ganglioside GD3 (d18:1/12:0) is a sphingolipid where d18:1 denotes the sphingosine base, and 12:0 refers to the lauric acid fatty acid component. As a crucial intermediate in the biosynthesis pathway of gangliosides, this compound is predominantly found in the brain tissue of mammals and significantly influences development, cell signaling, and disease processes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.867 mL	4.3348 mL	8.6696 mL
5 mM	0.1734 mL	0.867 mL	1.7339 mL
10 mM	0.0867 mL	0.4335 mL	0.867 mL
50 mM	0.0173 mL	0.0867 mL	0.1734 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481