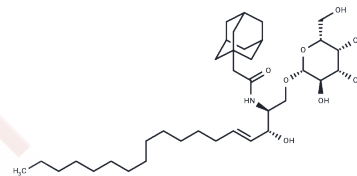


C2 Adamantanyl Galactosylceramide (d18:1/2:0)

Chemical Properties

CAS No. :	574738-16-2
Formula:	C ₃₆ H ₆₃ N ₀ O ₈
Molecular Weight:	637.89
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	C2 Adamantanyl Galactosylceramide (d18:1/2:0) (AdaGalCer) is a bioactive sphingolipid. It reduces globotriaosylceramide 3 synthesis from exogenous lactosylceramide in microsomes. AdaGalCer stimulates recombinant glucocerebrosidase activity in a pH-dependent manner. It activates glucocerebrosidase to decrease glucosylceramide accumulation in fibroblasts and lymphoblasts isolated from patients with Gaucher and Fabry disease, respectively.
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.5677 mL	7.8383 mL	15.6767 mL
5 mM	0.3135 mL	1.5677 mL	3.1353 mL
10 mM	0.1568 mL	0.7838 mL	1.5677 mL
50 mM	0.0314 mL	0.1568 mL	0.3135 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

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