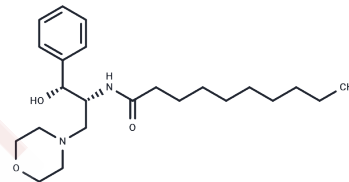


D-threo-PDMP

Chemical Properties

CAS No. : 109836-82-0
 Formula: C₂₃H₃₈N₂O₃
 Molecular Weight: 390.56
 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	D-threo-PDMP is a potent inhibitor of glucoceramide synthase (GCS), effectively reducing cell surface glycosphingolipids by inhibiting glycosylation. Additionally, it decreases the axon plexus's total length and the number of axon branch points, ultimately inhibiting neurite growth.
Targets(IC50)	Others,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5604 mL	12.8021 mL	25.6043 mL
5 mM	0.5121 mL	2.5604 mL	5.1209 mL
10 mM	0.256 mL	1.2802 mL	2.5604 mL
50 mM	0.0512 mL	0.256 mL	0.5121 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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