Data Sheet (Cat.No.T206584)

TargetMol

Lyso-Monosialoganglioside GM3

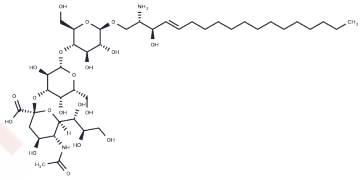
Chemical Properties

CAS No. : 94458-63-6

Formula: C41H74N2O20

Molecular Weight: 915.028

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	Lyso-Monosialoganglioside GM3 (Lyso-GM3) is an analog of Ganglioside GM3 with antitumor properties. It inhibits the increase in EGFR kinase activity induced by EGF in A431 epithelial cancer cells.
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0929 mL	5.4643 mL	10.9286 mL
5 mM	0.2186 mL	1.0929 mL	2.1857 mL
10 mM	0.1093 mL	0.5464 mL	1.0929 mL
50 mM	0.0219 mL	0.1093 mL	0.2186 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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