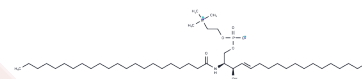


C22 Sphingomyelin (d18:1/22:0)

Chemical Properties

CAS No. :	94359-12-3
Formula:	C45H91N2O6P
Molecular Weight:	787.19
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	C22 Sphingomyelin is a naturally occurring form of sphingomyelin . Plasma levels of C22 sphingomyelin positively correlate with hepatic steatosis severity in patients with chronic hepatitis C virus (HCV). C22 Sphingomyelin levels are decreased in T-47D mammary epithelial cells and increased in MDA-MB-231 breast cancer cells relative to C16 sphingomyelin .
Targets(IC50)	Others

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.2703 mL	6.3517 mL	12.7034 mL
5 mM	0.2541 mL	1.2703 mL	2.5407 mL
10 mM	0.127 mL	0.6352 mL	1.2703 mL
50 mM	0.0254 mL	0.127 mL	0.2541 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481