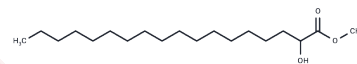


2-hydroxy Stearic Acid methyl ester

Chemical Properties

CAS No. :	2420-35-1
Formula:	C19H38O3
Molecular Weight:	314.51
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	2-hydroxy Stearic acid is a hydroxylated fatty acid methyl ester that broadens phase transition in dimyristoylphosphatidylcholine (DMPC) lipid membranes. It has been used in the synthesis of lipid-nucleotide conjugate anti-HIV agents to increase phosphodiester bond cleavage and the amount of liberated intracellular nucleotides.
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	3.1795 mL	15.8977 mL	31.7955 mL
5 mM	0.6359 mL	3.1795 mL	6.3591 mL
10 mM	0.318 mL	1.5898 mL	3.1795 mL
50 mM	0.0636 mL	0.318 mL	0.6359 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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