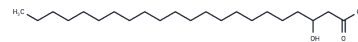


3-hydroxy Docosanoic Acid

Chemical Properties

CAS No. :	89946-08-7
Formula:	C ₂₂ H ₄₄ O ₃
Molecular Weight:	356.591
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	3-hydroxy Docosanoic acid is a hydroxylated form of the 22-carbon saturated docosanoic acid . It is found in lipopolysaccharides from <i>C. trachomatis</i> and <i>C. psittaci</i> and in <i>S. synnaedendra</i> . 3-hydroxy Docosanoic acid, in the form of an acyl-CoA metabolite, is an intermediate in fatty acid chain elongation from arachidic acid to docosanoic acid (C ₂₂ :0).
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: 0.3 mg/mL (0.84 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8043 mL	14.0217 mL	28.0434 mL
5 mM	0.5609 mL	2.8043 mL	5.6087 mL
10 mM	0.2804 mL	1.4022 mL	2.8043 mL
50 mM	0.0561 mL	0.2804 mL	0.5609 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.

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