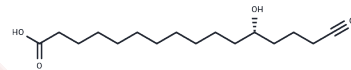


12(S)-hydroxy-16-Heptadecynoic Acid

Chemical Properties

CAS No. :	148019-74-3
Formula:	C17H30O3
Molecular Weight:	282.42
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	The compound is a mechanism-based inhibitor of cytochrome P450 ω-hydroxylase.
Targets(IC50)	Others, Prostaglandin Receptor

Solubility Information

Solubility	Ethanol: ≤50 mg/mL, Sonication is recommended. DMSO: 50 mg/mL (177.04 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	3.5408 mL	17.7041 mL	35.4083 mL
5 mM	0.7082 mL	3.5408 mL	7.0817 mL
10 mM	0.3541 mL	1.7704 mL	3.5408 mL
50 mM	0.0708 mL	0.3541 mL	0.7082 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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