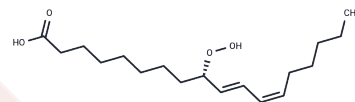


9(S)-HpODE

Chemical Properties

CAS No. :	29774-12-7
Formula:	C18H32O4
Molecular Weight:	312.44
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	9(S)-HpODE is produced by the action of arachidonate 5-LO on linoleic acid and can be further metabolized by potato hydroperoxide dehydratase to colneleic acid (9-oxo-10(E),12(Z)-octadecadienoic acid).
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: >50 mg/mL (per Rao Maddipati),Sonication is recommended. Ethanol: >50 mg/mL (per Rao Maddipati),Sonication is recommended. DMF: >50 mg/mL (per Rao Maddipati),Sonication is recommended. PBS (pH 7.2): >1 mg/mL (from 13(S)-HODE),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	3.2006 mL	16.0031 mL	32.0061 mL
5 mM	0.6401 mL	3.2006 mL	6.4012 mL
10 mM	0.3201 mL	1.6003 mL	3.2006 mL
50 mM	0.064 mL	0.3201 mL	0.6401 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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