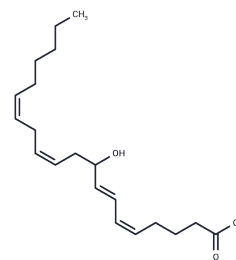


(±)9-HETE**Chemical Properties**

CAS No. :	79495-85-5
Formula:	C ₂₀ H ₃₂ O ₃
Molecular Weight:	320.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>

**Biological Description**

Description	(±)9-HETE is one of the six monohydroxy fatty acids produced by the non-enzymatic oxidation of arachidonic acid. The individual R and S isomers of racemic HETEs have been separated and identified using chiral phase HPLC. The racemic HETEs have been quantified as an index of lipid peroxidation using GC/MS.
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): 0.8 mg/mL (2.5 mM), Sonication is recommended. DMF: Miscible 0.1 M Na ₂ CO ₃ : 2 mg/mL (6.24 mM), Sonication is recommended. DMSO: Miscible Ethanol: Miscible (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1204 mL	15.6021 mL	31.2042 mL
5 mM	0.6241 mL	3.1204 mL	6.2408 mL
10 mM	0.312 mL	1.5602 mL	3.1204 mL
50 mM	0.0624 mL	0.312 mL	0.6241 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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