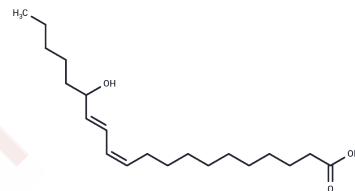


(±)15-HEDE**Chemical Properties**

CAS No. :	77159-57-0
Formula:	C ₂₀ H ₃₆ O ₃
Molecular Weight:	324.505
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	(±)15-HEDE is produced by non-enzymatic oxidation of 11,14-eicosadienoic acid. There are no reports in the literature of biological activity associated with (±)15-HEDE.
Targets(IC50)	Others,Lipoxygenase

Solubility Information

Solubility	PBS (pH 7.2): >1 mg/mL (from 13(S)-HODE),Sonication is recommended. Ethanol: >50 mg/mL (per Rao Maddipati),Sonication is recommended. DMSO: >50 mg/mL (per Rao Maddipati),Sonication is recommended. DMF: >50 mg/mL (per Rao Maddipati),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	3.0816 mL	15.4078 mL	30.8157 mL
5 mM	0.6163 mL	3.0816 mL	6.1631 mL
10 mM	0.3082 mL	1.5408 mL	3.0816 mL
50 mM	0.0616 mL	0.3082 mL	0.6163 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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