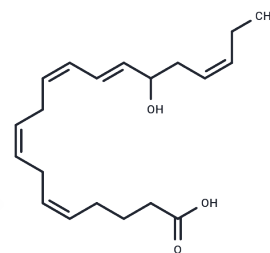


(±)15-HEPE**Chemical Properties**

CAS No. :	88852-33-9
Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
Storage:	Store at low temperature
	Store at -20°C
	Actual storage temperature shall be subject to the COA.

**Biological Description**

Description	(±)15-HEPE is a racemic mixture of monohydroxy fatty acids 15(R)-HEPE and 15(S)-HEPE, with antibacterial activity, inhibiting Propionibacterium acnes and Staphylococcus aureus.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 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.

Reference

Brown JL, et al. Lipid hydroperoxides and oxylipins are mediators of denervation induced muscle atrophy. Redox Biol. 2022 Nov;57:102518.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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