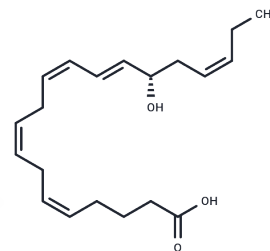


15(S)-HEPE

Chemical Properties

CAS No. :	86282-92-0
Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
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(S)-HEPE is a monohydroxy fatty acid synthesized from EPA by the action of 15-LO. The biosynthesis of 15-HEPE from EPA in guinea pig epidermal enzyme preparations has been documented. 15(S)-HEPE generated by soybean lipoxygenation of EPA inhibits RBL-1 cell 5-LO with an IC ₅₀ value of 28 μM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	0.1 M Na ₂ CO ₃ : 2 mg/mL (6.28 mM), Sonication is recommended. DMSO: Miscible Ethanol: Miscible PBS (pH 7.2): 0.8 mg/mL (2.51 mM), Sonication is recommended. DMF: Miscible (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481