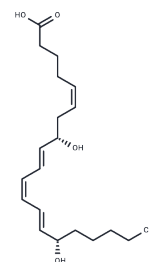


8(S),15(S)-DiHETE

Chemical Properties

CAS No. :	80234-65-7
Formula:	C ₂₀ H ₃₂ O ₄
Molecular Weight:	336.47
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	8(S),15(S)-DiHETE is formed when 15(S)-HETE is subjected to further oxidation by 15-LO. It causes eosinophil chemotaxis with an ED50 value of 1.5 µM but is not chemotactic for neutrophils. 8(S),15(S)-DiHETE antagonizes the hyperalgesic activity of 8(R),15(S)-DiHETE and LTB ₄ in the rat hind paw pain model.
Targets(IC50)	Others

Solubility Information

Solubility	DMF: >50 mg/mL (per Rao Maddipati), Sonication is recommended. DMSO: >50 mg/mL (per Rao Maddipati), Sonication is recommended. Ethanol: >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)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.972 mL	14.8602 mL	29.7203 mL
5 mM	0.5944 mL	2.972 mL	5.9441 mL
10 mM	0.2972 mL	1.486 mL	2.972 mL
50 mM	0.0594 mL	0.2972 mL	0.5944 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