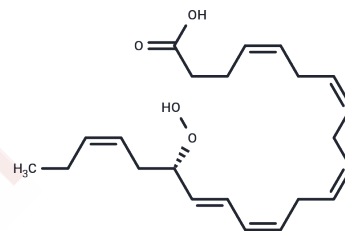


17(S)-HpDHA

Chemical Properties

CAS No. :	123673-33-6
Formula:	C ₂₂ H ₃₂ O ₄
Molecular Weight:	360.49
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	17(S)-HpDHA, primarily produced by the 15-Lipoxygenase (LOX) isoenzymes h15-LOX-1 and h15-LOX-2 from docosahexaenoic acid (DHA), is a key regulator in epoxide synthesis through allosteric modulation. Additionally, it effectively inhibits platelet aggregation, demonstrating an EC50 of approximately 1 μ M [1].
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.774 mL	13.870 mL	27.740 mL
5 mM	0.5548 mL	2.774 mL	5.548 mL
10 mM	0.2774 mL	1.387 mL	2.774 mL
50 mM	0.0555 mL	0.2774 mL	0.5548 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