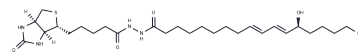


13(S)-HODE-biotin

Chemical Properties

CAS No. :	1176496-97-1
Formula:	C28H48N4O4S
Molecular Weight:	536.78
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	13(S)-HODE is the lipoxygenase metabolite of linoleic acid. 13(S)-HODE modulates the platelet-activating factor, leukotriene B ₄ , and formyl-Met-Leu-Phe-induced calcium influx in human polymorphonuclear leukocytes. The mechanism by which 13(S)-HODE elicits its inhibitory effect is still unclear. The use of biotinylated 15(S)-HETE as a probe for detecting binding proteins and/or receptors that specifically bind 15(S)-HETE provides a basis for similar use of 13(S)-HODE-biotin.
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): 100 µg/mL, Sonication is recommended. DMF: >10 mg/mL, Sonication is recommended. DMSO: >10 mg/mL, Sonication is recommended. Ethanol: >10 mg/mL, 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	1.863 mL	9.3148 mL	18.6296 mL
5 mM	0.3726 mL	1.863 mL	3.7259 mL
10 mM	0.1863 mL	0.9315 mL	1.863 mL
50 mM	0.0373 mL	0.1863 mL	0.3726 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