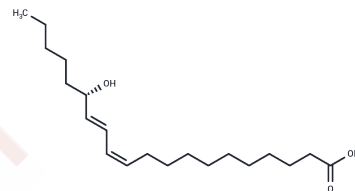


## 15(S)-HEDE

## Chemical Properties

CAS No. :	92693-04-4
Formula:	C <sub>20</sub> H <sub>36</sub> O <sub>3</sub>
Molecular Weight:	324.5
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)-HEDE is produced from 11Z,14Z-eicosadienoic acid by 15-LO. 15(S)-HEDE is an inhibitor of RBL-1 cell 5-LO with an IC <sub>50</sub> value of 26 μM.
Targets(IC <sub>50</sub> )	Others,Lipoxygenase

## Solubility Information

Solubility	Ethanol: >50 mg/mL (per Rao Maddipati),Sonication is recommended. DMF: >50 mg/mL (per Rao Maddipati),Sonication is recommended. PBS (pH 7.2): >1 mg/mL (from 13(S)-HODE),Sonication is recommended. DMSO: >50 mg/mL (per Rao Maddipati),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	3.0817 mL	15.4083 mL	30.8166 mL
5 mM	0.6163 mL	3.0817 mL	6.1633 mL
10 mM	0.3082 mL	1.5408 mL	3.0817 mL
50 mM	0.0616 mL	0.3082 mL	0.6163 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

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