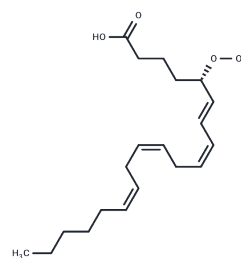


## 5(S)-HPETE

## Chemical Properties

CAS No. :	71774-08-8
Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>4</sub>
Molecular Weight:	336.472
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	5(S)-Hydroperoxyeicosatetraenoic acid (5(S)-HpETE) is a monohydroperoxy polyunsaturated fatty acid (PUFA) generated by the enzymatic conversion of arachidonic acid via 5-lipoxygenase (5-LO). Subsequently, 5(S)-HpETE undergoes metabolism to form leukotriene A <sub>4</sub> (LTA <sub>4</sub> ), which serves as a pivotal intermediate in the synthesis of leukotrienes (LTs).
Targets(IC50)	Others,Endogenous Metabolite

## 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

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