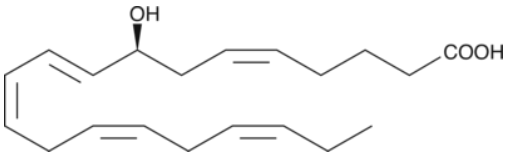
Product Data Sheet

Product Name: 8(S)-HEPE
Cat. No.: GC40382

Chemical Properties

Cas. No.	118492-81-2		
SMILES	CC/C=C\C/C=C\C/C=C\C=C\[C@@H](O)C/C=C\CCCC(O)=O		
Formula	C20H30O3	M.Wt	318.5
Solubility	0.1 M Na2CO3: 2 mg/ml,DMF: Miscible,DMSO: Miscible,Ethanol: Miscible,PBS pH 7.2: 0.8 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

8(S)-HEPE is a monohydroxy fatty acid produced by lipoxygenase oxidation of EPA. It acts to promote hatching of barnacle eggs at 10 nM, although it is not clearly identified as the natural egg hatching factor.

Caution: Product has not been fully validated for medical applications. For research use only.
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