

8(S)-HPETE

Chemical Properties

CAS No. :	114128-54-0
Formula:	C ₂₀ H ₃₂ O ₄
Molecular Weight:	336.47
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	8(S)-HPETE, fully named 8(S)-hydroperoxy-5Z,9E,11Z,14Z-eicosatetraenoic acid, is a primary oxidative product formed when arachidonic acid serves as a substrate for the lipoyxygenase purified from ripe tomato fruit.
Targets(IC50)	Others

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.

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