

14R(15S)-EET

Chemical Properties

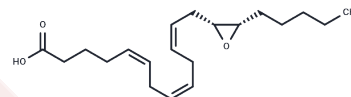
CAS No. : 98103-48-1

Formula: C₂₀H₃₂O₃

Molecular Weight: 320.47

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	14R(15S)-EET, an oxylipin and a metabolite of arachidonic acid, is produced through the oxidation of arachidonic acid by the cytochrome P450 (CYP) isoforms CYP2C8 and CYP2C9. At a concentration of 10 μ M, 14R(15S)-EET causes relaxation in precontracted isolated bovine coronary arteries.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1204 mL	15.6021 mL	31.2042 mL
5 mM	0.6241 mL	3.1204 mL	6.2408 mL
10 mM	0.312 mL	1.5602 mL	3.1204 mL
50 mM	0.0624 mL	0.312 mL	0.6241 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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