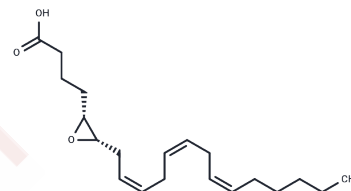


5R(6S)-EET

Chemical Properties

CAS No. :	98103-46-9
Formula:	C ₂₀ H ₃₂ O ₃
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	5R(6S)-EET is a metabolite of Arachidonic acid. It activates the synthesis of endogenous prostaglandin (PGE ₂), which inhibits Na ⁺ absorption, increases intracellular Ca ²⁺ , and promotes transmembrane voltage depolarization. 5R(6S)-EET demonstrates stereoselectivity and is less active compared to 5S(6R)-EET.
Targets(IC50)	Endogenous Metabolite, Prostaglandin Receptor

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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