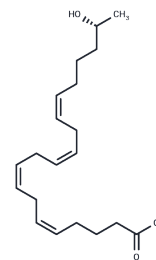


19(R)-HETE

Chemical Properties

CAS No. :	115461-39-7
Formula:	C ₂₀ H ₃₂ O ₃
Molecular Weight:	320.47
Storage:	Store at low temperature 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	19(R)-HETE is a renal artery vasodilator that can be used to study angiotensin II-induced cardiac hypertrophy.
Targets(IC50)	Others, Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 4 mg/mL (12.48 mM), Sonication is recommended. DMF: 4 mg/mL (12.48 mM), Sonication is recommended. Ethanol: 4 mg/mL (12.48 mM), Sonication is recommended. PBS (pH 7.2): 0.5 mg/mL (1.56 mM), Sonication is recommended. Ethanol: PBS pH 7.2 (1:1): < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

Ma YH, et al. 20-Hydroxyeicosatetraenoic acid is an endogenous vasoconstrictor of canine renal arcuate arteries. Circ Res. 1993 Jan;72(1):126-36.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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