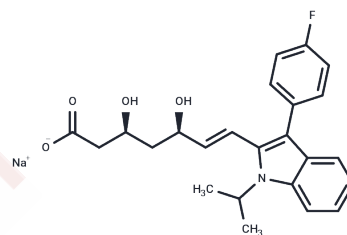


(3S,5R)-Fluvastatin sodium

Chemical Properties

CAS No. :	94061-81-1
Formula:	C ₂₄ H ₂₅ FNNaO ₄
Molecular Weight:	433.45
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	(3S,5R)-Fluvastatin sodium is the enantiomerically pure form of Fluvastatin, a fully synthetic and competitive HMG-CoA reductase inhibitor with nanomolar potency, (3S,5R)-Fluvastatin sodium additionally protects vascular smooth muscle cells from oxidative stress through activation of the Nrf2-dependent antioxidant pathway, supporting cardiovascular and redox biology research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 40 mg/mL (92.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3071 mL	11.5354 mL	23.0707 mL
5 mM	0.4614 mL	2.3071 mL	4.6141 mL
10 mM	0.2307 mL	1.1535 mL	2.3071 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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

Araújo FA, et al. 3-Hydroxy-3-methylglutaryl coenzyme A reductase inhibitor (fluvastatin) decreases inflammatory angiogenesis in mice. APMIS. 2012 24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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