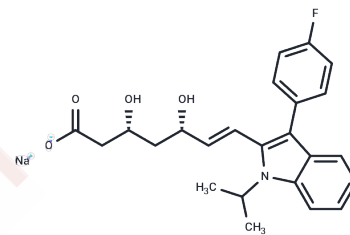


(3R,5S)-Fluvastatin sodium

Chemical Properties

CAS No. :	94061-80-0
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	(3R,5S)-Fluvastatin ((3R,5S)-XU 62-320) sodium, a specific isomer of Fluvastatin, functions as a fully synthetic, competitive inhibitor of HMG-CoA reductase, exhibiting an IC ₅₀ of 8 nM. It is notable for its efficacy in shielding vascular smooth muscle cells from oxidative stress via the Nrf2-dependent antioxidant pathway [1] [2] [3].'
Targets(IC ₅₀)	HMG-CoA Reductase, Autophagy

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481