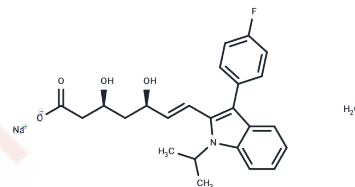


## Fluvastatin sodium monohydrate

## Chemical Properties

CAS No. :	201541-53-9
Formula:	C <sub>24</sub> H <sub>27</sub> FNaO <sub>5</sub>
Molecular Weight:	451.46
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	Fluvastatin (XU 62-320) sodium monohydrate, a fully synthetic competitive HMG-CoA reductase inhibitor, features an IC <sub>50</sub> of 8 nM. This compound also safeguards vascular smooth muscle cells from oxidative stress via the Nrf2-dependent antioxidant pathway [1] [2].
Targets(IC <sub>50</sub> )	Apoptosis, HMG-CoA Reductase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.215 mL	11.0752 mL	22.1504 mL
5 mM	0.443 mL	2.215 mL	4.4301 mL
10 mM	0.2215 mL	1.1075 mL	2.215 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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