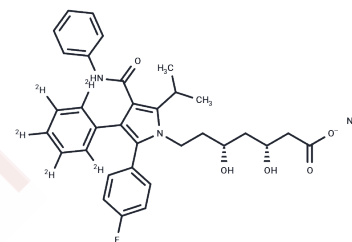


## Atorvastatin-D

## Chemical Properties

CAS No. :	222412-87-5
Formula:	C <sub>33</sub> H <sub>34</sub> FN <sub>2</sub> NaO <sub>5</sub>
Molecular Weight:	585.65
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	Atorvastatin-D is the deuterated form of Atorvastatin (T20765) sodium. Atorvastatin (T20765) sodium acts as an orally active HMG-CoA reductase inhibitor, effectively reducing blood lipid levels. It inhibits the proliferation and invasion of human SV-SMC cells with IC <sub>50</sub> values of 0.39 μM and 2.39 μM, respectively.
Targets(IC <sub>50</sub> )	HMG-CoA Reductase, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7075 mL	8.5375 mL	17.075 mL
5 mM	0.3415 mL	1.7075 mL	3.415 mL
10 mM	0.1708 mL	0.8538 mL	1.7075 mL
50 mM	0.0342 mL	0.1708 mL	0.3415 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481