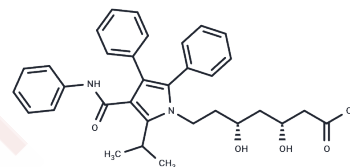


Desfluoro-atorvastatin

Chemical Properties

CAS No. :	433289-84-0
Formula:	C ₃₃ H ₃₆ N ₂ O ₅
Molecular Weight:	540.65
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	Desfluoro-atorvastatin is an Atorvastatin impurity. Atorvastatin is an orally active inhibitor of HMG-CoA reductase. It has the ability to effectively decrease blood lipids.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8496 mL	9.2481 mL	18.4963 mL
5 mM	0.3699 mL	1.8496 mL	3.6993 mL
10 mM	0.185 mL	0.9248 mL	1.8496 mL
50 mM	0.037 mL	0.185 mL	0.3699 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

- Ertürk S, et al. An HPLC method for the determination of atorvastatin and its impurities in bulk drug and tablets. J Pharm Biomed Anal. 2003 Dec 4;33(5):1017-23.
- Santodomingo-Garzón T, et al. Atorvastatin inhibits inflammatory hypernociception. Br J Pharmacol. 2006 Sep;149(1):14-22.

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