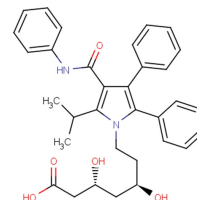


Data Sheet (Cat.No.T15099)

Desfluoro-atorvastatin

Chemical Properties

CAS No.:	433289-84-0
Formula:	C ₃₃ H ₃₆ N ₂ O ₅
Molecular Weight:	540.65
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



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(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.85 mL	9.248 mL	18.496 mL
5 mM	0.37 mL	1.85 mL	3.699 mL
10 mM	0.185 mL	0.925 mL	1.85 mL
50 mM	0.037 mL	0.185 mL	0.37 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. Santodomingo-Garzón T, et al. Atorvastatin inhibits inflammatory hypernociception. Br J Pharmacol. 2006 Sep;149(1):14-22.

Inhibitors · Natural Compounds · Compound Libraries

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