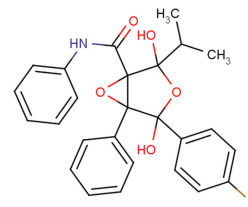


Atorvastatin Epoxy Tetrahydrofuran Impurity

Chemical Properties

CAS No.:	873950-19-7
Formula:	C ₂₆ H ₂₄ FN ₂ O ₅
Molecular Weight:	449.47
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Atorvastatin Epoxy Tetrahydrofuran Impurity is an impurity isolated oxidative degradation products of Atorvastatin. Atorvastatin is an orally active HMG-CoA reductase inhibitor.
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	2.225 mL	11.124 mL	22.248 mL
5 mM	0.445 mL	2.225 mL	4.45 mL
10 mM	0.222 mL	1.112 mL	2.225 mL
50 mM	0.044 mL	0.222 mL	0.445 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. Klobčar S, et al. Isolation of oxidative degradation products of atorvastatin with supercritical fluid chromatography. Biomed Chromatogr. 2015 Dec;29(12):1901-6.

Inhibitors · Natural Compounds · Compound Libraries

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