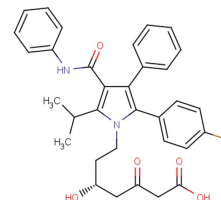


3-Oxo Atorvastatin

Chemical Properties

CAS No.:	887196-30-7
Formula:	C ₃₃ H ₃₃ FN ₂ O ₅
Molecular Weight:	556.62
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	3-Oxo Atorvastatin is an impurity of Atorvastatin. Atorvastatin is an HMG-CoA reductase inhibitor and 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	1.797 mL	8.983 mL	17.966 mL
5 mM	0.359 mL	1.797 mL	3.593 mL
10 mM	0.18 mL	0.898 mL	1.797 mL
50 mM	0.036 mL	0.18 mL	0.359 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. Ramesha, B., et al. DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING GRADIENT RP-UHPLC METHOD FOR THE DETERMINATION OF IMPURITIES IN ATORVASTATIN DRUG SUBSTANCE. Journal of Liquid Chromatography & Related Technologies.2013; 37(3), 275–297.

Inhibitors · Natural Compounds · Compound Libraries

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