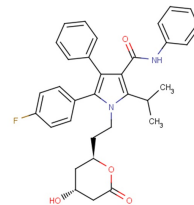


Atorvastatin lactone

Chemical Properties

CAS No.:	125995-03-1
Formula:	C ₃₃ H ₃₃ FN ₂ O ₄
Molecular Weight:	540.62
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Atorvastatin lactone is a prodrug of atorvastatin. Atorvastatin is an orally active inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase.
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	9.249 mL	18.497 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. Valesky RJ, et al. Automated enzyme inhibition assay method for the determination of atorvastatin-derived HMG-CoA reductase inhibitors in human plasma using radioactivity detection. J Pharmacol Toxicol Methods. 2008 Jan-Feb;57(1):61-9.

Inhibitors · Natural Compounds · Compound Libraries

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