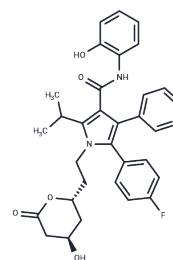


2-Hydroxy atorvastatin lactone

Chemical Properties

CAS No. :	163217-74-1
Formula:	C ₃₃ H ₃₃ FN ₂ O ₅
Molecular Weight:	556.62
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	2-Hydroxy atorvastatin lactone, a metabolite of Atorvastatin, is an orally active HMG-CoA reductase inhibitor that efficiently reduces blood lipids [1][2].
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7966 mL	8.9828 mL	17.9656 mL
5 mM	0.3593 mL	1.7966 mL	3.5931 mL
10 mM	0.1797 mL	0.8983 mL	1.7966 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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

Guo CX, et al. Effects of Ginkgo biloba extracts on pharmacokinetics and efficacy of atorvastatin based on plasma indices. *Xenobiotica*. 2012;42(8):784-790.

Turner NA, et al. Comparison of the efficacies of five different statins on inhibition of human saphenous vein smooth muscle cell proliferation and invasion. *J Cardiovasc Pharmacol*. 2007 Oct;50(4):458-61.

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