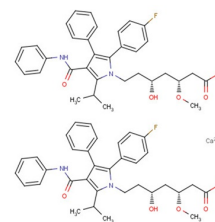


O-Methyl Atorvastatin hemicalcium

Chemical Properties

CAS No.:	887196-29-4
Formula:	C ₃₄ H ₃₆ CaFN ₂ O ₅ +
Molecular Weight:	611.74
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	O-Methyl Atorvastatin is an impurity of Atorvastatin that is an orally active inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase, 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	1.635 mL	8.173 mL	16.347 mL
5 mM	0.327 mL	1.635 mL	3.269 mL
10 mM	0.163 mL	0.817 mL	1.635 mL
50 mM	0.033 mL	0.163 mL	0.327 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. 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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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481