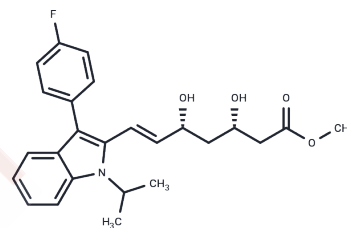


Fluvastatin Methyl Ester

Chemical Properties

CAS No. :	93957-53-0
Formula:	C ₂₅ H ₂₈ FNO ₄
Molecular Weight:	425.49
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	Fluvastatin Methyl Ester is a precursor of Fluvastatin, a blocker of the enzyme HMG-CoA reductase in liver.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3502 mL	11.7512 mL	23.5023 mL
5 mM	0.470 mL	2.3502 mL	4.7005 mL
10 mM	0.235 mL	1.1751 mL	2.3502 mL
50 mM	0.047 mL	0.235 mL	0.470 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

Mitani H, Kimura M. Preservation of endothelium-dependent and Nomega-nitro-L-arginine methyl ester- and indomethacin-resistant arterial relaxation in high-cholesterol-diet fed rabbits by treatment with fluvastatin, an HMG-CoA reductase inhibitor. J Cardiovasc Pharmacol. 2003 Jul;42(1):55-62. PubMed PMID: 12827027.

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