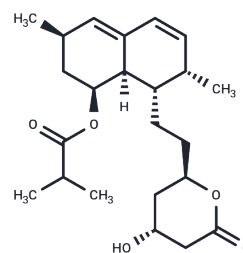


2'-Ethyl Simvastatin

Chemical Properties

CAS No. :	79902-42-4
Formula:	C ₂₃ H ₃₄ O ₅
Molecular Weight:	390.51
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'-Ethyl Simvastatin is a Mevinolin analog with HMG-CoA reductase inhibition.
Targets(IC50)	HMG-CoA Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5608 mL	12.8038 mL	25.6075 mL
5 mM	0.5122 mL	2.5608 mL	5.1215 mL
10 mM	0.2561 mL	1.2804 mL	2.5608 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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

AGGARWAL, D., et al. A quantitative structure-activity relationship study of 3-hydroxy-3methylglutaryl-coenzyme A reductase inhibitors. Journal of Pharmacobio-Dynamics, 1988;11(9), 591-599.

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