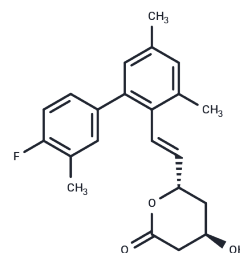


L 645164

Chemical Properties

CAS No. : 85493-98-7
 Formula: C₂₂H₂₃FO₃
 Molecular Weight: 354.41
 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	L 645164 is an inhibitor of hydroxymethylglutaryl-CoA reductase.
Targets(IC50)	Others,HMG-CoA Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8216 mL	14.108 mL	28.2159 mL
5 mM	0.5643 mL	2.8216 mL	5.6432 mL
10 mM	0.2822 mL	1.4108 mL	2.8216 mL
50 mM	0.0564 mL	0.2822 mL	0.5643 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

Gerson RJ, Allen HL, Lankas GR, MacDonald JS, Alberts AW, Bokelman DL. The toxicity of a fluorinated-biphenyl HMG-CoA reductase inhibitor in beagle dogs. *Fundam Appl Toxicol.* 1991 Feb;16(2):320-9. PubMed PMID: 2055362.

Gerson RJ, MacDonald JS, Alberts AW, Chen J, Yudkovitz JB, Greenspan MD, Rubin LF, Bokelman DL. On the etiology of subcapsular lenticular opacities produced in dogs receiving HMG-CoA reductase inhibitors. *Exp Eye Res.* 1990 Jan;50(1):65-78. PubMed PMID: 2307197.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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