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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Lovastatin

HMG-CoA reductase inhibitor
Catalog No. SIH-256



Discovery through partnership | Excellence through quality

Overview

Product Name

Lovastatin

Description

HMG-CoA reductase inhibitor

Purity

>98%

CAS No.

75330-75-5

Molecular Formula

C₂₄H₃₆O₅

Molecular Weight

404.54

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 50 mM in ethanol and 100 mM in DMSO

Source

Synthetic

Appearance

White solid

SMILES

CC[C@H](C)C(=O)O[C@H]1C[C@H](C=C2[C@H]1[C@H]([C@H](C=C2)C)CC[C@@H]3C[C@H](CC(=O)O3)O)C

InChI

InChI=1S/C24H36O5/c1-5-15(3)24(27)29-21-11-14(2)10-17-7-6-16(4)20(23(17)21)9-8-19-12-18(25)13-22(26)28-19/h6-7,10,14-16,18

InChIKey

PCZOHLXUXFIOCF-BXMDZJJMSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed, or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Risk Phrases:

R62- Possible risk of impaired fertility

Cite This Product

Lovastatin (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-256)

Biological Description

Alternative Names

(1S,3R,7S,8S,8aR)-8-{2-[(2R,4R)-4-Hydroxy-6-oxotetrahydro-2H-pyran-2-yl]ethyl}-3,7-dimethyl-1,2,3,7,8,8a-hexahydro-1-naphthalenyl (2S)-2-methylbutanoate, Mevinolin

Research Areas

Cancer, Apoptosis

PubChem ID

53232

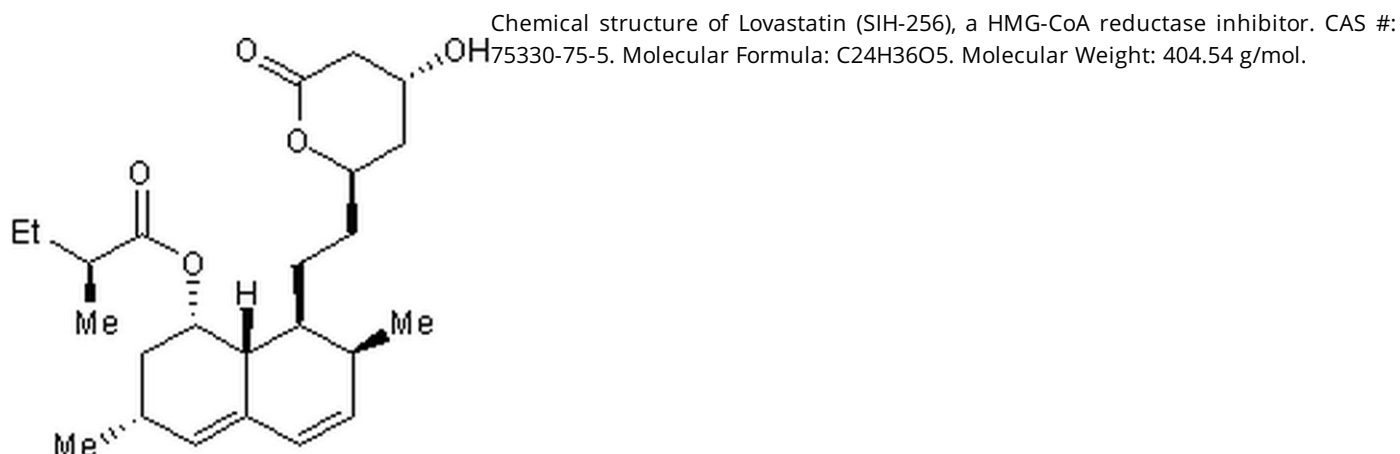
Scientific Background

Lovastatin is a member of the drug class of statins, used for lowering cholesterol, thereby preventing cardiovascular disease. They have a powerful inhibitory effect on HMG-CoA reductase (1).

References

1. Alberts A.W. (1998) Am J Cardio. 62(15): 10J-15J.

Product Images



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.