

CERTIFICATE OF ANALYSIS

(Certificate No. KML001007-01)

Release Date: 25/06/2024

Re-test Date: 24/06/2027

Lovastatin Hydroxy Impurity

Identification

Chemical Name :

(3R,7S,8aR)-8-(2-((2R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 3-hydroxy-2-methylbutanoate

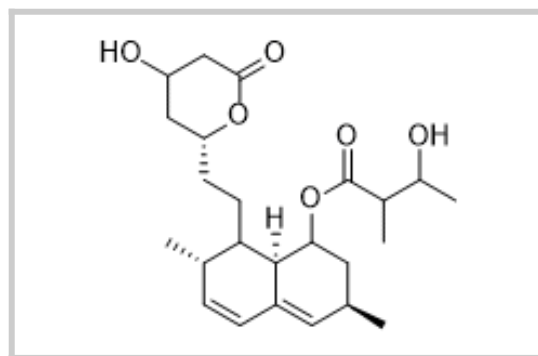
Alt. Name : KML001007

CAT No. : KML001007

CAS No. : Not Available

Molecular Formula : C₂₄H₃₆O₆

Molecular Weight : 420.54



Analytical Information

Batch No. : LOV-HYD-073-269

Description : Off White Solid

HPLC Purity : 99.02 %

Weight Loss By TGA : 0.93 %

% Potency : 98.1 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.93(Weight Loss By TGA)] x [99.02(HPLC Purity)]/100 = 98.1 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/06/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA