

CERTIFICATE OF ANALYSIS

(Certificate No. KML001001-02)

Release Date: 15/06/2024

Re-test Date: 14/06/2027

Lovastatin Keto Impurity

Identification

Chemical Name :

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

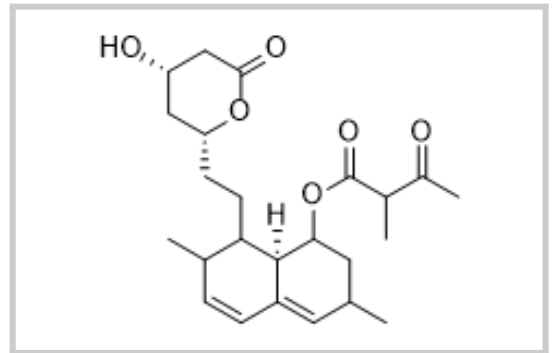
Alt. Name : Keto Lovastatin

CAT No. : KML001001

CAS No. : 96497-73-3

Molecular Formula : C₂₄H₃₄O₆

Molecular Weight : 418.5



Analytical Information

Batch No. : LOV-KETO-073-262

Description : Off White Solid

HPLC Purity : 96.64 %

Weight Loss By TGA : 0.71 %

% Potency : 95.95 %

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 - 0.71(Weight Loss By TGA)] x [96.64(HPLC Purity)]/100 = 95.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/06/2024

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