

CERTIFICATE OF ANALYSIS

(Certificate No. KML001001-03)

Release Date: 02/06/2025

Re-test Date: 01/06/2028

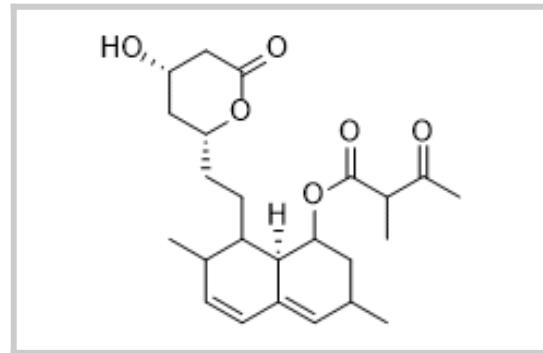
3- Oxo-Lovastatin Impurity

Identification

Chemical Name :

(8aR)-8-((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.	: L001001-102-057	Solubility	: Acetonitrile
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 94.22 %	IR	: Confirm
Weight Loss By TGA	: 1.56 %	1H NMR	: Confirm
% Potency	: 92.75 %		

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 - 1.56(Weight Loss By TGA)] x [94.22(HPLC Purity)]/100 = 92.75 %
Recommendation : Released

Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel	21/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel	21/01/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA