CERTIFICATE OF ANALYSIS

(Certificate No. KML001001-03)

Release Date: 02/06/2025 **Re-test Date:** 01/06/2028

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

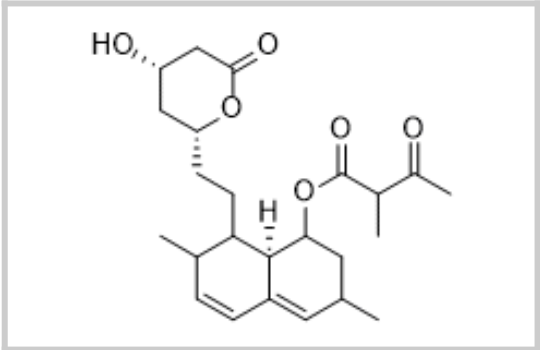
Alt. Name : Keto Lovastatin

CAT No. : KML001001

CAS No. : 96497-73-3

Molecular Formula : C24H34O6

Molecular Weight : 418.5



Analytical Information

Batch No. : L001001-102-057

Description : Off White Solid

HPLC Purity : 94.22 %

Weight Loss By TGA : 1.56 %

% Potency : 92.75 %

Solubility : Acetonitrile

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 - 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		12/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		12/03/2026

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