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

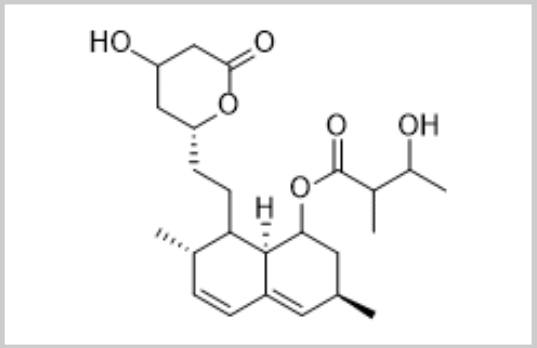
Alt. Name : KML001007

CAT No. : KML001007

CAS No. : Not Available

Molecular Formula : C24H36O6

Molecular Weight : 420.54



Analytical Information

Batch No.	: LOV-HYD-073-269	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.02 %	**IR**	: Confirm
Weight Loss By TGA	: 0.93 %	**1H NMR**	: Confirm
% Potency	: 98.1 %		

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, 1HNMR, IR and TGA