CERTIFICATE OF ANALYSIS

(Certificate No. KML001003-01)

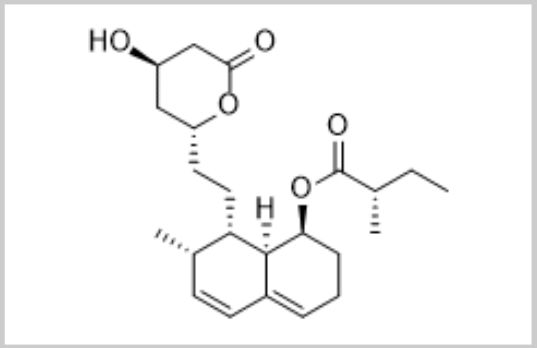
Release Date: 30/04/2024 **Re-test Date:** 29/04/2027

Lovastatin Compactin

Identification

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

Alt. Name	: Mevastatin ; Compactin ; Pravastatin Deshydroxy Impurity
CAT No.	: KML001003
CAS No.	: 73573-88-3
Molecular Formula	: C23H34O5
Molecular Weight	: 390.51



Analytical Information

Batch No.	: MEV-073-190	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm as Na adduct
HPLC Purity	: 99.37 %	**IR**	: Confirm
Weight Loss By TGA	: 0.08 %	**1H NMR**	: Confirm
% Potency	: 99.29 %		

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 - 0.08(Weight Loss By TGA)] x [99.37(HPLC Purity)]/100 = 99.29 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/01/2026

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