

CERTIFICATE OF ANALYSIS

(Certificate No. KML001003-01)

Release Date: 30/04/2024

Re-test Date: 29/04/2027

LOVASTATIN-IMP-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

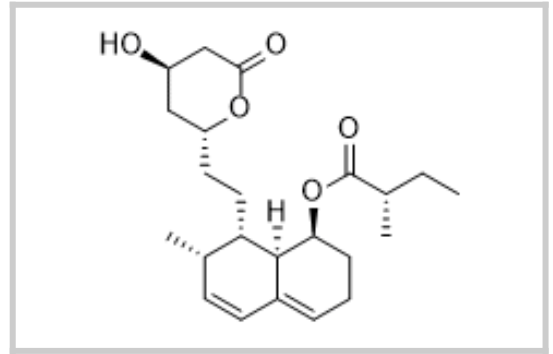
Alt. Name : Mevastatin ; Compactin ; Pravastatin
Deshydroxy Impurity

CAT No. : KML001003

CAS No. : 73573-88-3

Molecular Formula : C₂₃H₃₄O₅

Molecular Weight : 390.51



Analytical Information

Batch No. : MEV-073-190

Description : Off White Solid

HPLC Purity : 99.37 %

Weight Loss By TGA : 0.08 %

% Potency : 99.29 %

Solubility : Methanol

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

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/04/2024

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