

CERTIFICATE OF ANALYSIS

(Certificate No. KMA002138-02)

Release Date: 01/05/2025

Re-test Date: 30/04/2028

Atorvastatin Pyrrolidone Lactone

Identification

Chemical Name :

5-(4-Fluorophenyl)-1-{2-[(2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl]ethyl}-3-isopropyl-2-oxo-N,4-diphenyl-2,3-dihydro-1H-pyrrole-3-carboxamide (as per USP)

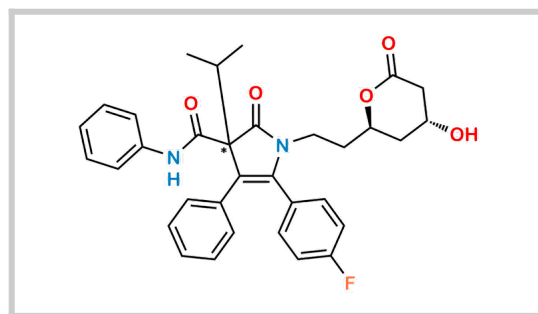
Alt. Name : Atorvastatin Lactam Lactone

CAT No. : KMA002138

CAS No. : 906552-19-0

Molecular Formula : C33H33FN2O5

Molecular Weight : 556.6



Analytical Information

Batch No. : A002138-102-006

Solubility : DMF

Description : Creamish Solid

Mass : Confirm

HPLC Purity : 95.94 %

IR : Confirm

Weight Loss By TGA : 1.20 %

¹H NMR : Confirm

% Potency : 94.79 %

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 - 1.20(Weight Loss By TGA)] x [95.94(HPLC Purity)]/100 = 94.79 %
-Mixture Of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/05/2025

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