

CERTIFICATE OF ANALYSIS

(Certificate No. KMA002025-02)

Release Date: 19/03/2026

Re-test Date: 18/03/2029

Atorvastatin 2,3-Anhydro Lactone

Identification

Chemical Name :

1-[2-[(2S)-3,6-Dihydro-6-oxo-2H-pyran-2-yl]-ethyl]-5-(4-fluorophenyl)-2-(1-methylethyl)-N,4-diphenyl-1Hpyrrole-3-carboxamide

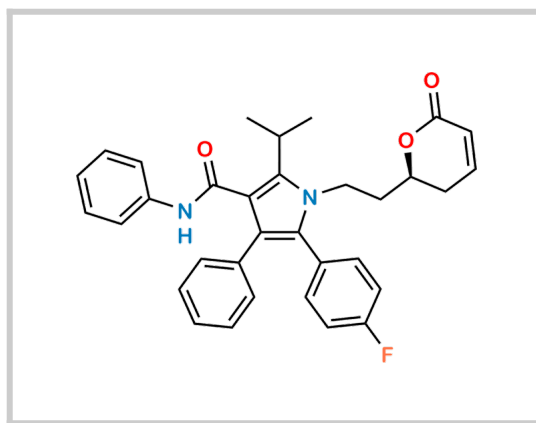
Alt. Name : Anhydro Atorvastatin Lactone ; 2,3-Anhydro Atorvastatin Lactone ; 3-Dehydroxy 2,3-Dehydro Atorvastatin Lactone ; Atorvastatin Eliminated Lactone

CAT No. : KMA002025

CAS No. : 442851-50-5

Molecular Formula : C33H31FN2O3

Molecular Weight : 522.6



Analytical Information

Batch No. : A002025-114-219

Description : Off White Solid

HPLC Purity : 94.25 %

Weight Loss By TGA : 0.76 %

% Potency : 93.53 %

Solubility : ACN

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 = $[100 - 0.76(\text{Weight Loss By TGA})] \times [94.25(\text{HPLC Purity})]/100 = 93.53 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/03/2026

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