

CERTIFICATE OF ANALYSIS

(Certificate No. KMR010001-01)

Release Date: 04/04/2026

Re-test Date: 03/04/2029

Rosuvastatin EP Impurity D

Identification

Chemical Name :

N-(4-(4-fluorophenyl)-5-((E)-2-((2S,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)vinyl)-6-isopropylpyrimidin-2-yl)-N-methylmethanesulfonamide

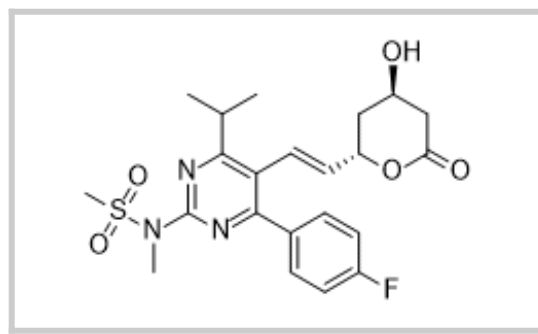
Alt. Name : Rosuvastatin Lactone

CAT No. : KMR010001

CAS No. : 503610-43-3

Molecular Formula : C₂₂H₂₆FN₃O₅S

Molecular Weight : 463.52



Analytical Information

Batch No. : ROS-EPD-011-017

Description : White Solid

HPLC Purity : 91.89 %

Weight Loss By TGA : 0.88 %

% Potency : 91.08 %

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 - 0.88(Weight Loss By TGA)] x [91.89(HPLC Purity)]/100 = 91.08 %

Remarks : COA Re-generated on 03.07.2024

-Re-tested on 04.04.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/04/2026

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