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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Rosuvastatin EP Impurity D

Identification:

Chemical Name: N-[4-(4-fluorophenyl)-5-[(E)-2-[(2S,4R)-4-hydroxy-6-oxooxan-2-yl]ethenyl]-6-propan-2-yl]pyrimidin-2-yl]-N-methylmethanesulfonamide

Synonyms : Rosuvastatin Lactone ;
Rosuvastatin (5S)-Lactone ;
Rosuvastatin (3R,5S)-Lactone

CAS Number : 503610-43-3

CAT Number : CP-R1004

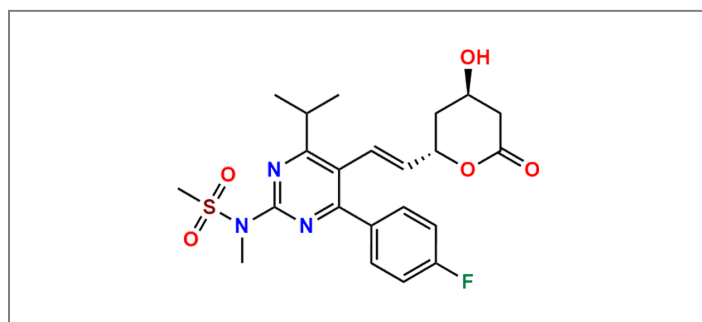
Molecular Formula : C₂₂H₂₆FN₃O₅S

Molecular Weight : 463.52

Batch Number : CP-ROS-D-1124

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity By HPLC	99.15%
5)	¹ HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.821%
8)	Potency by TGA	98.32%



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.