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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Rosuvastatin EP Impurity C

Identification:

Chemical Name: (3R,6E)-7-[4-(4-fluorophenyl)-2-(N-methylmethanesulfonamido)-6-(propan-2-yl)pyrimidin-5-yl]-3-hydroxy-5-oxohept-6-enoic acid (as per EP)

Synonyms : Rosuvastatin ketone (USP) ; 5-Oxo Rosuvastatin ; Rosuvastatin BP Impurity C

CAS Number : 1422619-13-3

CAT Number : CP-R1003

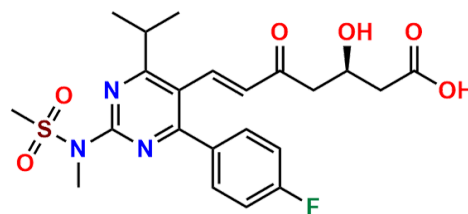
Molecular Formula : C₂₂H₂₆FN₃O₆S

Molecular Weight : 479.52

Batch Number : CP-ROS-C-0325

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	Brown Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.02%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.324%
7)	Potency by TGA	90.70%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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