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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

**Product Name: Rosuvastatin EP Impurity B**

### Identification:

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

Synonyms : Rosuvastatin Diastereomers

CAS Number : 1007912-86-8

CAT Number : CP-R1002

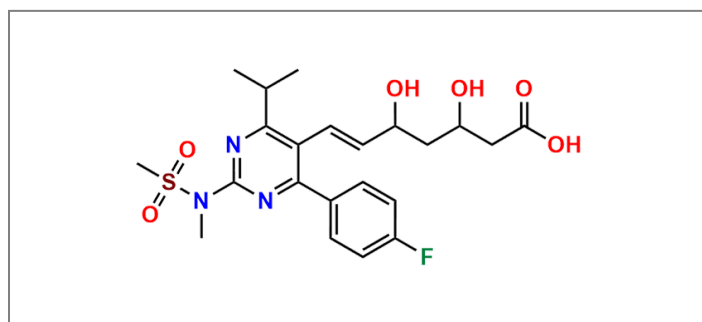
Molecular Formula : C<sub>22</sub>H<sub>28</sub>FN<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 481.54

Batch Number : CP-ROS-B-0824

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.94%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	5.27%
9)	Potency by TGA	94.67%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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