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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: Rosuvastatin EP Impurity F**

### Identification:

Chemical Name: 1,1-dimethylethyl [(4R,6S)-6-[(E)-2-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]ethenyl]-2,2-dimethyl-1,3-dioxan-4-yl]acetate

Synonyms : Rosuvastatin USP Related  
Compound C ; Rosuvastatin  
Acetonide t-Butyl Ester

CAS Number : 289042-12-2

CAT Number : CP-R1006

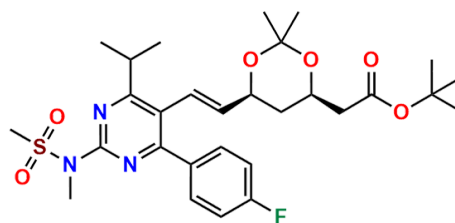
Molecular Formula : C<sub>29</sub>H<sub>40</sub>FN<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 577.71

Batch Number : CP-ROS-F-1224

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



**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.