



CERTIFICATE OF ANALYSIS

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1. Identification

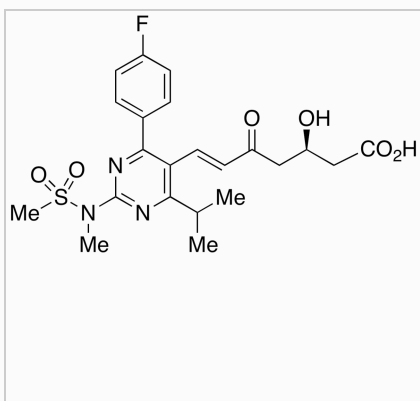
Catalogue Number: O862000

CAS Number: 1422619-13-3

Product: 5-Oxo Rosuvastatin

Synonym: (3R,6E)-7-[4-(4-Fluorophenyl)-6-(1-methylethyl)-2-methyl(methylsulfonyl)amino]-5-pyrimidinyl]-3-hydroxy-5-oxo-6-heptenoic Acid; 3-Hydroxy-5-keto Rosuvastatin; Rosuvastatin EP Impurity C (Calcium Salt);

Structure:



Molecular Formula:

C₂₂H₂₆FN₃O₆S

Molecular weight:

479.52

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Sparingly), Methanol (Sparingly)

Lot Number: 1-SHS-71-2

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Very Dark Beige Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.35, %H: 5.49, %N: 8.67
HPLC Purity	Report Result	97.76% (275 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+5.8° (c = 0.2, Methanol)
F NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	7/9/2022	7/7/2026

