

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR010090-01)

Release Date: 12/02/2025

Re-test Date: 11/02/2028

## Rosuvastatin Ethyl Ester

### Identification

**Chemical Name :**

Ethyl (3R,5S,6E)-7-[4-(4-fluorophenyl)-2-(N-methylmethanesulfonamido)-6-(propan-2-yl)pyrimidin-5-yl]-3,5-dihydroxyhept-6-enoate

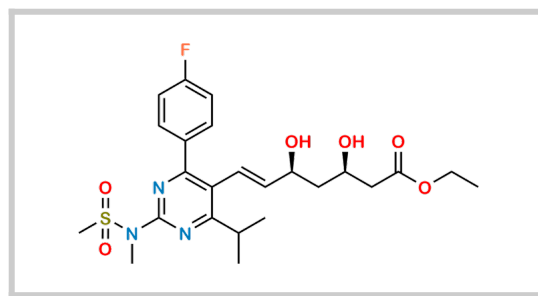
**Alt. Name** : Rosuvastatin Ethyl Ester

**CAT No.** : KMR010090

**CAS No.** : 851443-04-4

**Molecular Formula** : C<sub>24</sub>H<sub>32</sub>FN<sub>3</sub>O<sub>6</sub>S

**Molecular Weight** : 509.6



### Analytical Information

**Batch No.** : ROS-EE-019-220

**Description** : Off White Solid

**HPLC Purity** : 97.38 %

**Weight Loss By TGA** : 0.81 %

**% Potency** : 96.59 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.81(Weight Loss By TGA)] x [97.38(HPLC Purity)]/100 = 96.59 %  
-Re-tested on 12.02.025.

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		14/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		14/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA