CERTIFICATE OF ANALYSIS

(Certificate No. KMR010001-01)

Re-test Date: 24/08/2026

Release Date: 25/08/2023

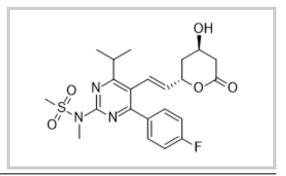
Rosuvastatin Lactone Impurity

Identification

Chemical Name :

 $\label{eq:linear} N-(4-(4-fluorophenyl)-5-((E)-2-((2S,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)vinyl)-6-isopropylpyrimidin-2-yl)-N-methylmethanesulfonamide$

Alt. Name	: Rosuvastatin Lactone		
CAT No.	: KMR010001		
CAS No.	: 503610-43-3		
Molecular Formula	: C22H26FN3O5S		
Molecular Weight	: 463.52		



Analytical Information

Batch No.	: ROS-EPD-011-017	Solubility	: Methanol
Description	: White Solid	Mass	: Confirm
HPLC Purity	: 96.43 %	IR	: Confirm
Weight Loss By TGA	: 0.78 %	1H NMR	: Confirm
% Potency	: 95.68 %		

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 - 0.78(Weight Loss By TGA)] x [96.43(HPLC Purity)]/100 = 95.68 % Remarks : COA Re-generated on 03.07.2024 -Re-tested on 25.08.2023

Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		03/07/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA