

CERTIFICATE OF ANALYSIS

(Certificate No. KMA002011-01)

Release Date: 22/02/2023

Re-test Date: 21/02/2026

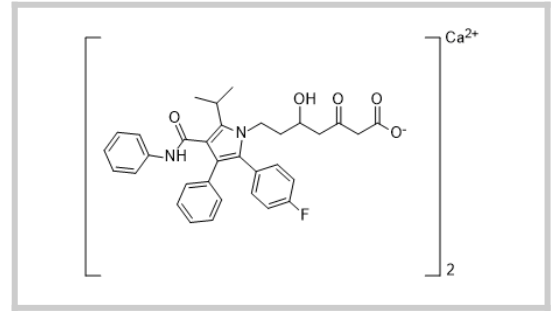
rac-3-Oxo atorvastatin Calcium

Identification

Chemical Name :

2-(4-Fluorophenyl)-delta-hydroxy-5-(1-methylethyl)-beta-oxo-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrole-1-heptanoic Acid Calcium Salt

CAT No. : KMA002011
CAS No. : 1391052-00-8
Molecular Formula : C33H32FN2CaO5
Molecular Weight : 556.62 (M-Ca)



Analytical Information

Batch No.	: ATS-PY-045-068	Solubility	: DMF
Description	: Off white crystalline powder	Mass	: Confirm
HPLC Purity	: 97.58 %	IR	: Confirm
Weight Loss By TGA	: 2.90 %	1H NMR	: Confirm
% Potency	: 94.75 %		

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 = $[100 - 2.90(\text{Weight Loss By TGA})] \times [97.58(\text{HPLC Purity})]/100 = 94.75 \%$
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/06/2024

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