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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Atorvastatin EP Impurity I

Identification:

Chemical Name: tert-butyl [(4R,6R)-6-[2-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]ethyl]-2,2-dimethyl-1,3-dioxan-4-yl]acetate (as per EP)

Synonyms : Atorvastatin USP Related Compound I ; Acetonide Atorvastatin (USP) ; Atorvastatin Acetonide t-Butyl Ester

CAS Number : 125971-95-1

CAT Number : CP-A32009

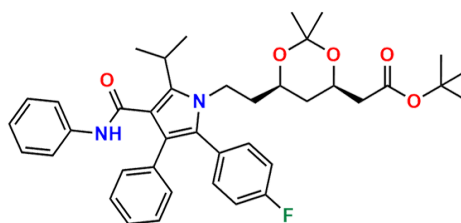
Molecular Formula : C₄₀H₄₇FN₂O₅

Molecular Weight : 654.81

Batch Number : 02201240501

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	98.86%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	-
9)	Potency by TGA	-



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read 'Priyanka Salunkhe', is written over a horizontal line.

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read 'Abhijit Kale', is written over a horizontal line.

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.