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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: Atorvastatin EP Impurity H

Identification:

Chemical Name: (4R,6R)-6-[2-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]ethyl]-4-hydroxyoxan-2-one (as per EP)

Synonyms : Atorvastatin USP related
Compound H ; Atorvastatin
lactone (USP) ; Atorvastatin δ -
lactone

CAS Number : 125995-03-1

CAT Number : CP-A32008

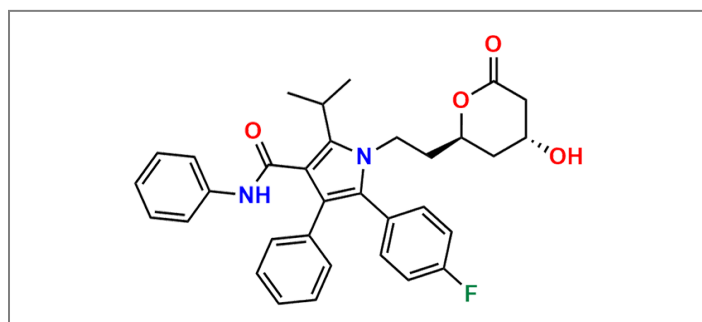
Molecular Formula : C₃₃H₃₃FN₂O₄

Molecular Weight : 540.64

Batch Number : CHEM-ATO-H

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	Off White Solid
2)	Solubility	Soluble in Methanol/ CDCl ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.04%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.59%
8)	Potency by TGA	94.51%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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