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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Atorvastatin EP Impurity Q

Identification:

Chemical Name: (3R,5R)-7-[5-(4-fluorophenyl)-2-oxo-4-phenyl-3-(phenylcarbamoyl)-3-(propan-2-yl)-2,3-dihydro-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid (as per EP)

Synonyms : Atorvastatin Pyrrolidone Analog
(USP) ; Atorvastatin Lactam
Impurity ; Atorvastatin Oxo
Impurity

CAS Number : 906552-18-9

CAT Number : CP-A32083

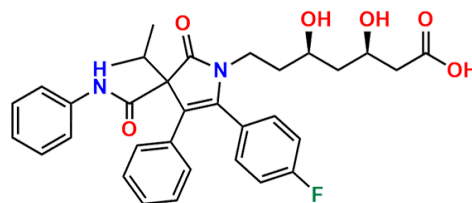
Molecular Formula : C₃₃H₃₅FN₂O₆

Molecular Weight : 574.65

Batch Number : CP-ATO-Q-0425

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.40 %
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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