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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Atorvastatin Epoxy Tetrahydrofuran Analog

Identification:

Chemical Name: 4-(4-Fluorophenyl)-2,4-dihydroxy-2-(1-methylethyl)-N,5-diphenyl-3,6-dioxabicyclo[3.1.0]hexane-1-carboxamide (as per USP)

Synonyms : Atorvastatin Dihydroxy Epoxy
Impurity (USP) ; Atorvastatin EP
Impurity D

CAS Number : 873950-19-7

CAT Number : CP-A32027

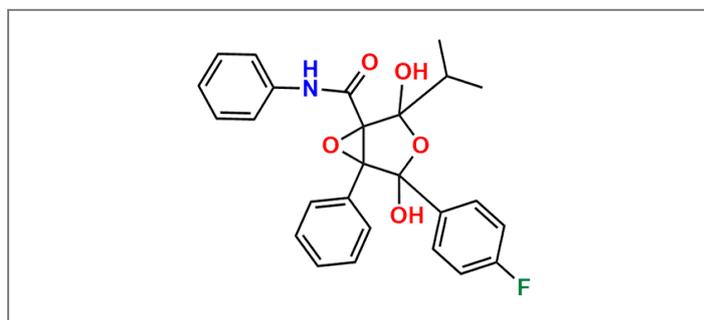
Molecular Formula : C₂₆H₂₄FN₁O₅

Molecular Weight : 449.47

Batch Number : CP-ATO-ETHF-1125

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Peak 1-84.76% (RT-14.641) +Peak 2-14.00 % (RT-15.379) Total Purity= 98.76%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	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.