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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

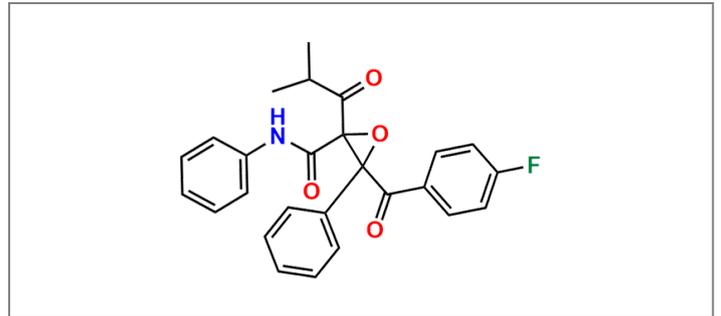
Re-test Date: Feb 2029

Product Name: Atorvastatin EP Impurity D

Identification:

Chemical Name: 3-(4-Fluorobenzoyl)-2-isobutyryl-N,3-diphenyloxirane-2-carboxamide (as per USP)

Synonyms : Atorvastatin EP Impurity D (D1)
; Atorvastatin USP Related
Compound D ; Atorvastatin
Diketo Epoxide ; Atorvastatin
Degradation Product - ATV-FXA1



CAS Number : 148146-51-4

CAT Number : CP-A32004

Molecular Formula : C₂₆H₂₂FNO₄

Molecular Weight : 431.46

Batch Number : CP-ATO-D-0426

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	98.70%
5)	¹ HNMR	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.