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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

Product Name: Atorvastatin EP Impurity D

Identification:

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

Synonyms : Atorvastatin USP Related
Compound D ; Atorvastatin
Diketo Epoxide ; Atorvastatin
Degradation Product - ATV-FXA1

CAS Number : 148146-51-4

CAT Number : CP-A32004

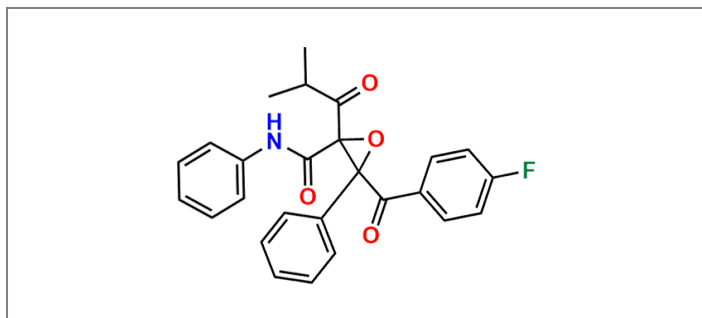
Molecular Formula : C₂₆H₂₂FNO₄

Molecular Weight : 431.46

Batch Number : CP-ATO-D-0324

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	97.38%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.136%
8)	Potency by TGA	97.24%



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.