CERTIFICATE OF ANALYSIS

(Certificate No. KMA002004-03)

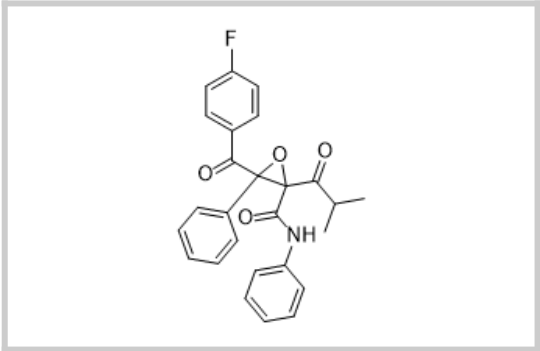
Release Date: 11/04/2026 **Re-test Date:** 10/04/2029

Atorvastatin EP Impurity D

Identification

Chemical Name :
3-(4-Fluorobenzoyl)-2-isobutyryl-3-phenyloxirane-2-carboxylic acid phenylamide

Alt. Name	: Atorvastatin USP Related Compound D
CAT No.	: KMA002004
CAS No.	: 148146-51-4
Molecular Formula	: C26H22FNO4
Molecular Weight	: 431.46



Analytical Information

Batch No.	: A002004-114-249	**Solubility**	: DMF
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.67 %	**IR**	: Confirm
Weight Loss By TGA	: 0.32 %	**1H NMR**	: Confirm
% Potency	: 99.35 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.32(Weight Loss By TGA)] x [99.67(HPLC Purity)]/100 = 99.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		11/04/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA