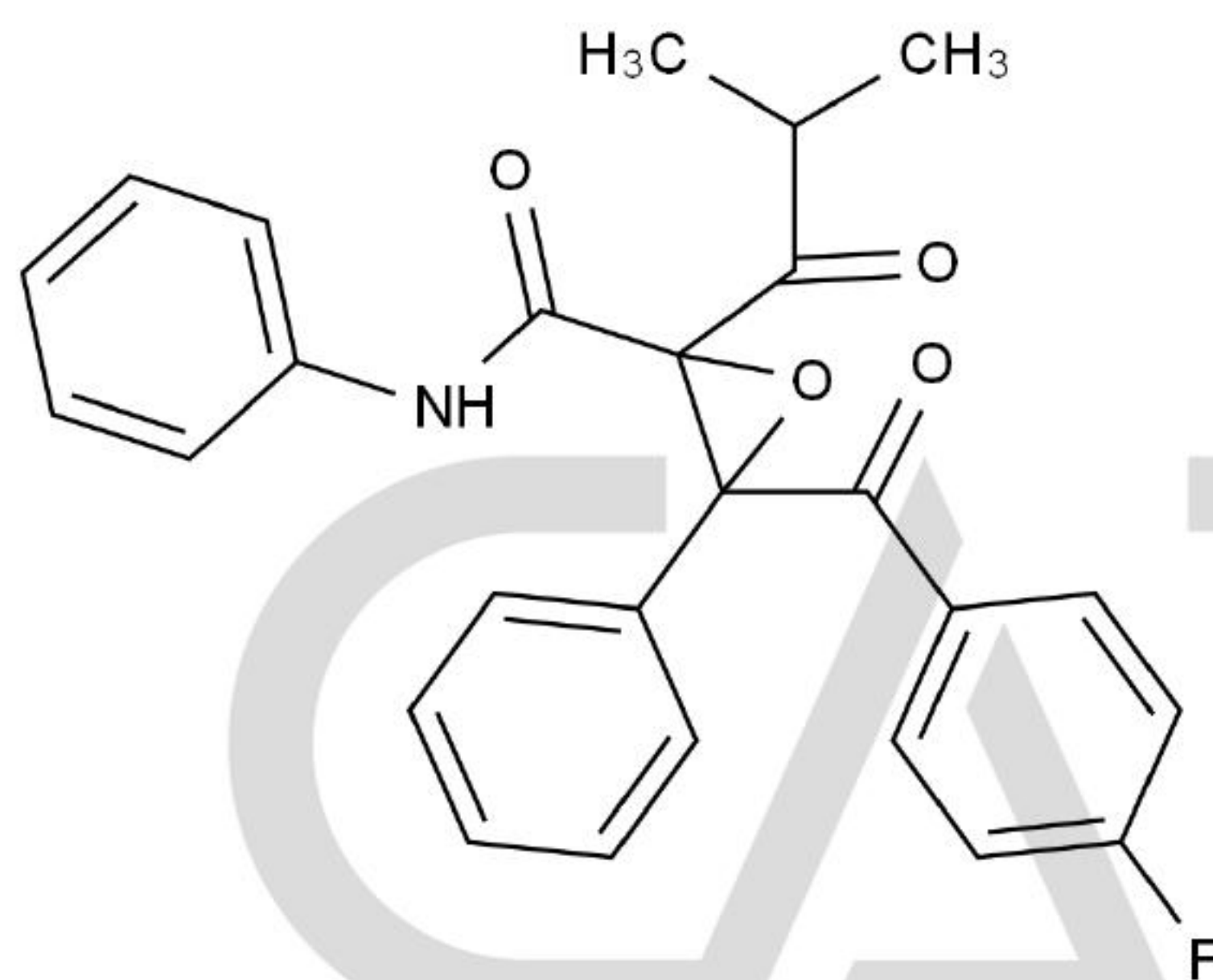


Certificate of Analysis

Reference Material & Standard

Product Name:	Atorvastatin EP Impurity D	Catalogue Number:	C4X-11324
Synonyms:	N/A	Lot Number:	1210-RG-0065
CAS Number:	148146-51-4	Expiry Date:	Jul 20, 2030
Molecular Formula:	C ₂₆ H ₂₂ FNO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	431.46	Shipping Condition:	Shipping with Ice Packs
Solubility:	Dichloromethane		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.122%
Residue on Ignition	TGA	0.3435%
Loss on Drying	TGA	0.0543%
Assay		98.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 21, 2026

Date: Jul 21, 2026

Date: Jul 21, 2026



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