

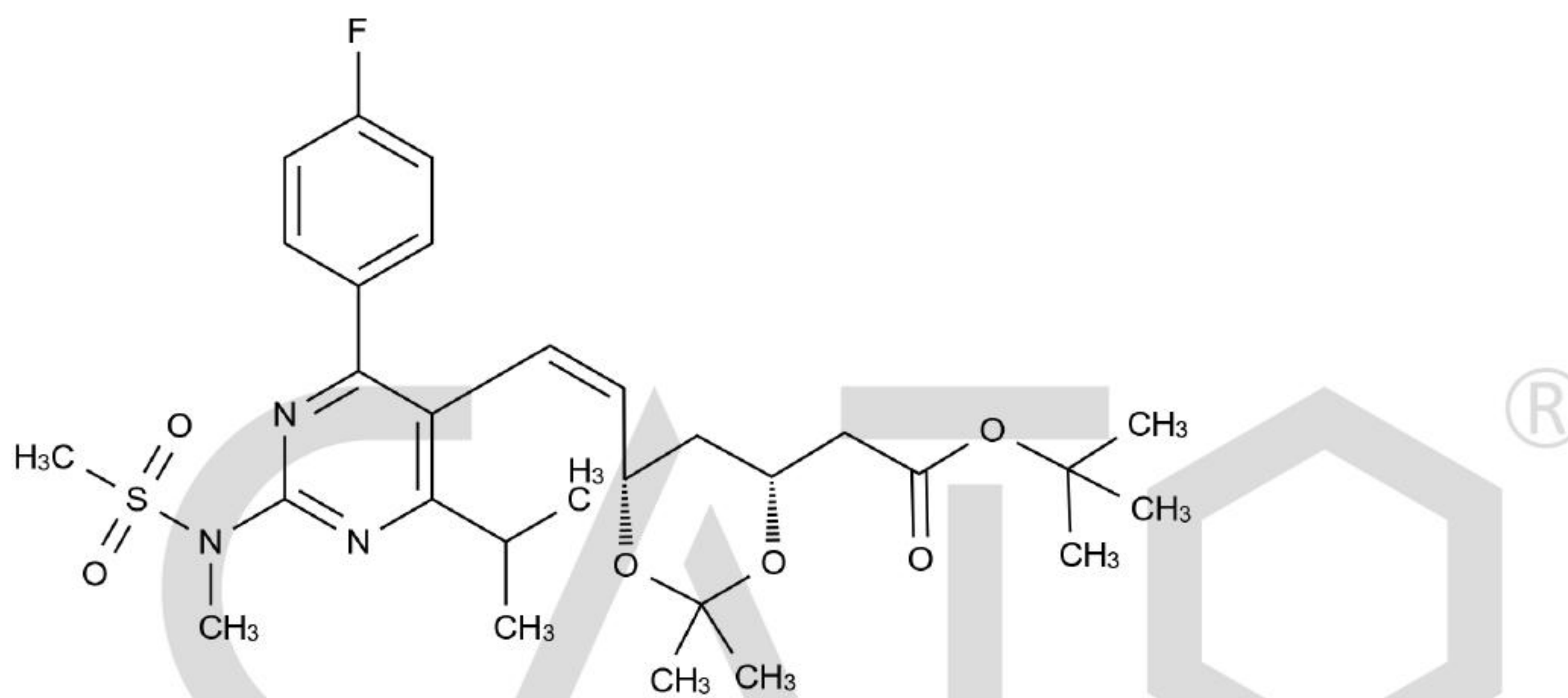
Certificate of Analysis

Reference Material & Standard

Product Name:	Rosuvastatin Impurity 45	Catalogue Number:	C4X-116945
Synonyms:	Rosuvastatin EP Impurity F Z-isomer	Lot Number:	0721-RG-0096
CAS Number:	1821422-50-7	Expiry Date:	Jul 20, 2029
Molecular Formula:	C ₂₉ H ₄₀ FN ₃ O ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	577.71	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.42%
Loss On Drying	TGA	1.8501%
Assay		97.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jul 24, 2025

Date: Jul 24, 2025

Date: Jul 24, 2025

