

Certificate of Analysis

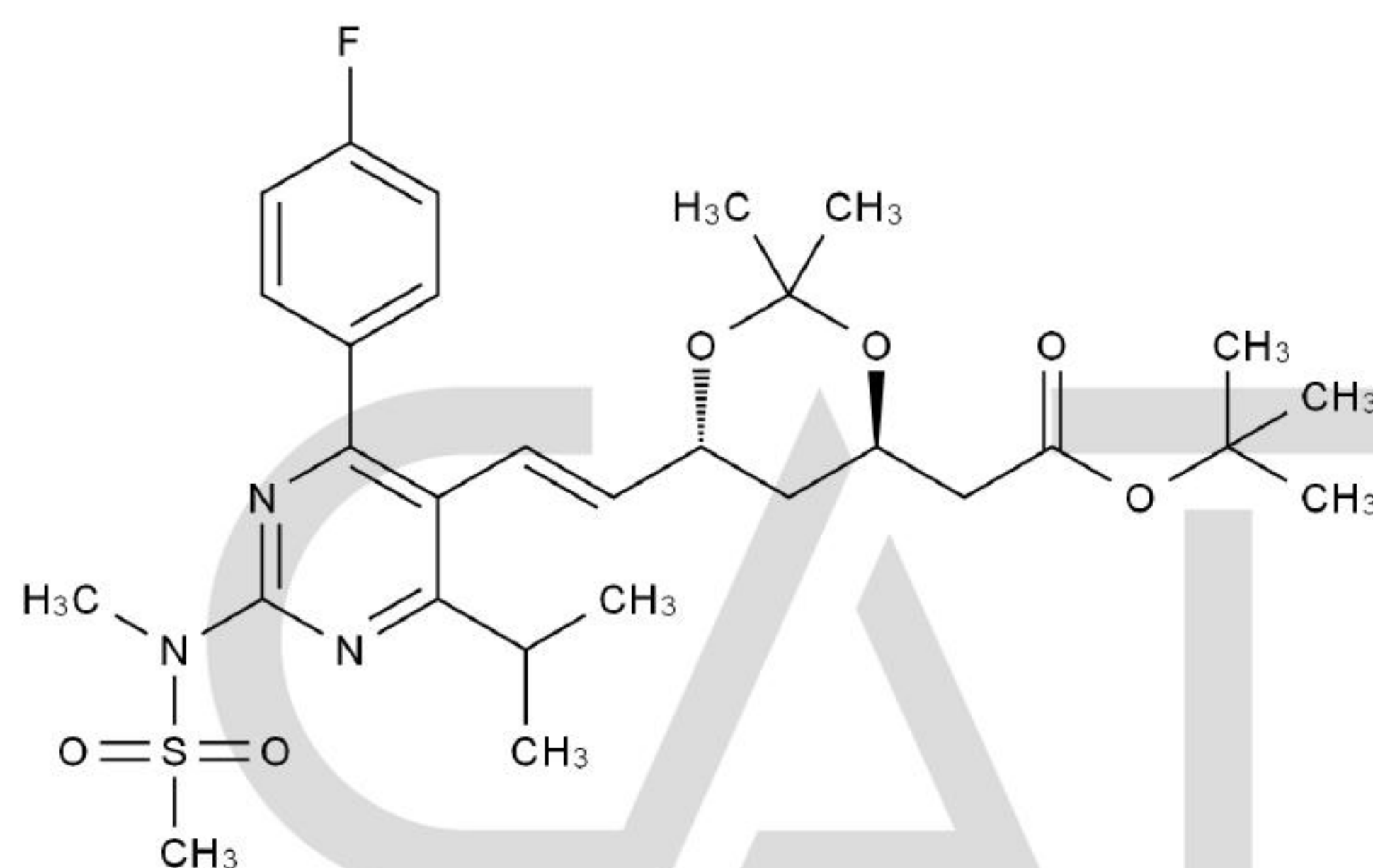
Reference Material & Standard

Product Name:	Rosuvastatin Impurity 44	Catalogue Number:	C4X-116944
Synonyms:	N/A	Lot Number:	1018-RE-0014
CAS Number:	2758676-77-4	Expiry Date:	Nov 19, 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	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.43%
Loss on Drying	TGA	1.0148%
Assay		95.5%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Apr 24, 2026

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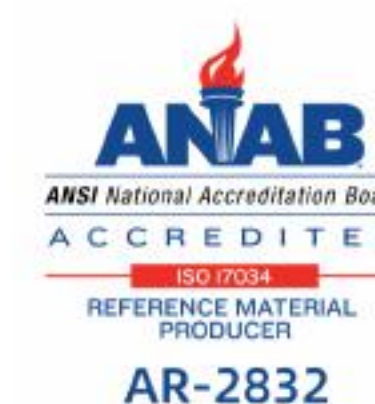
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Page 1 of 6



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