

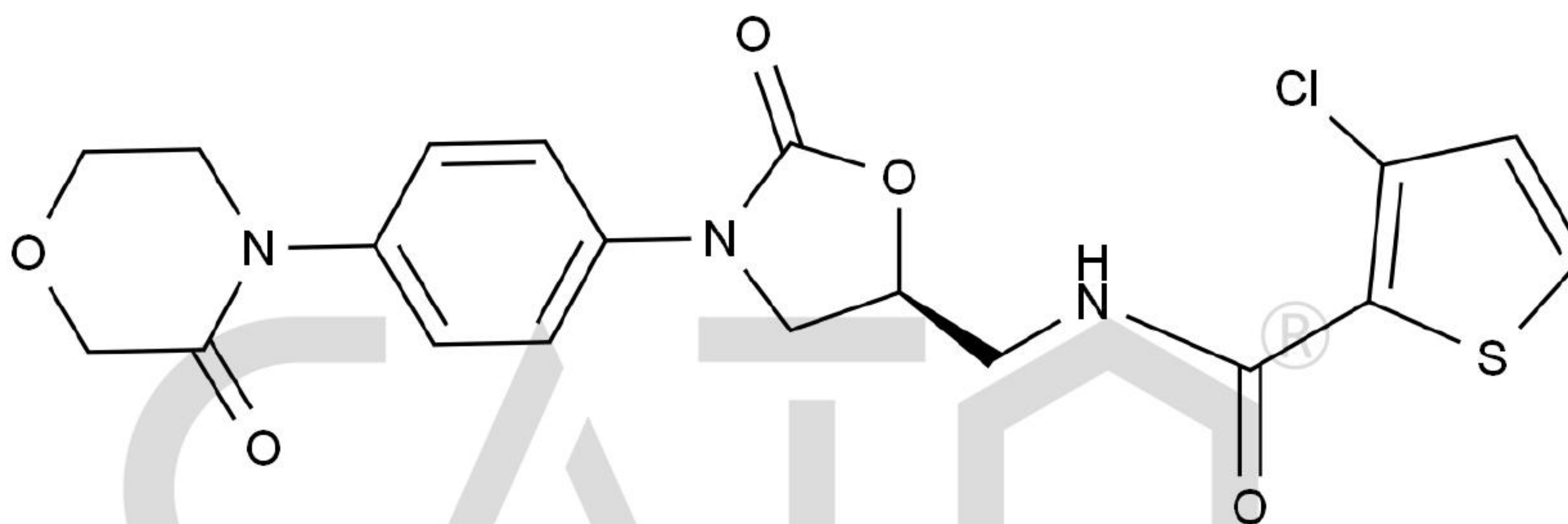
Certificate of Analysis

Reference Material & Standard

Product Name:	Rivaroxaban Impurity 16	Catalogue Number:	C4X-109016
Synonyms:	N/A	Lot Number:	1220-RF-0039
CAS Number:	1855920-54-5	Expiry Date:	Apr 03, 2026
Molecular Formula:	C ₁₉ H ₁₈ ClN ₃ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	435.88	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.921%
Water Content	Karl Fischer	0.63%
Residual Solvents	NMR	Not detected in NMR
Assay		99.3%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

David

Date: Dec 20, 2024

Date: Dec 20, 2024

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