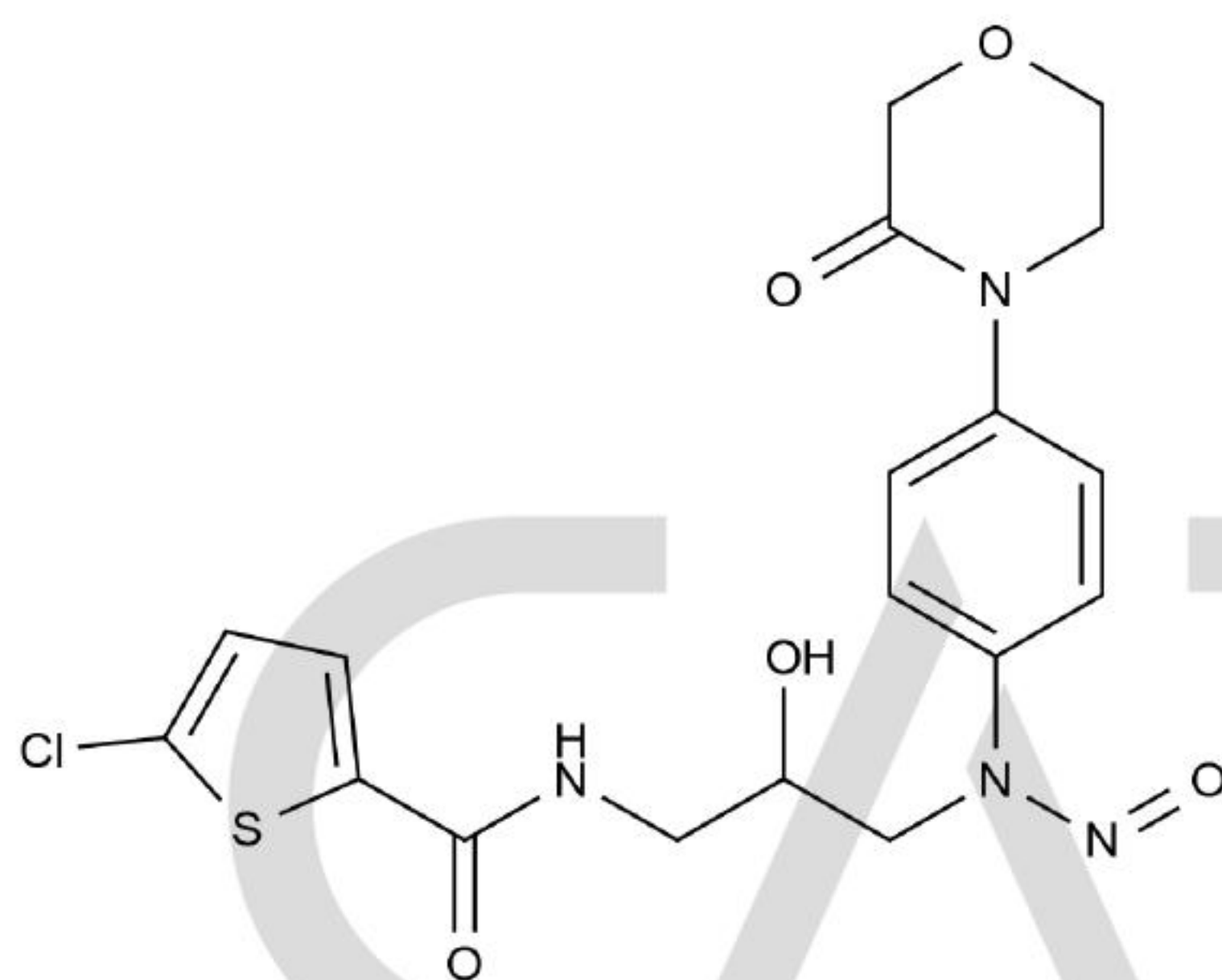


Certificate of Analysis

Reference Material & Standard

Product Name:	Rivaroxaban impurity 168	Catalogue Number:	C4X-1090168
Synonyms:	N/A	Lot Number:	0918-RG-0060
CAS Number:	N/A	Expiry Date:	Sep 18, 2029
Molecular Formula:	C ₁₈ H ₁₉ ClN ₄ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	438.89	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.438%
Residue on Ignition	TGA	1.0843%
Loss On Drying	TGA	1.0167%
Assay		94.4%

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: Mar 19, 2026

Date: Mar 19, 2026

Date: Mar 19, 2026



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