

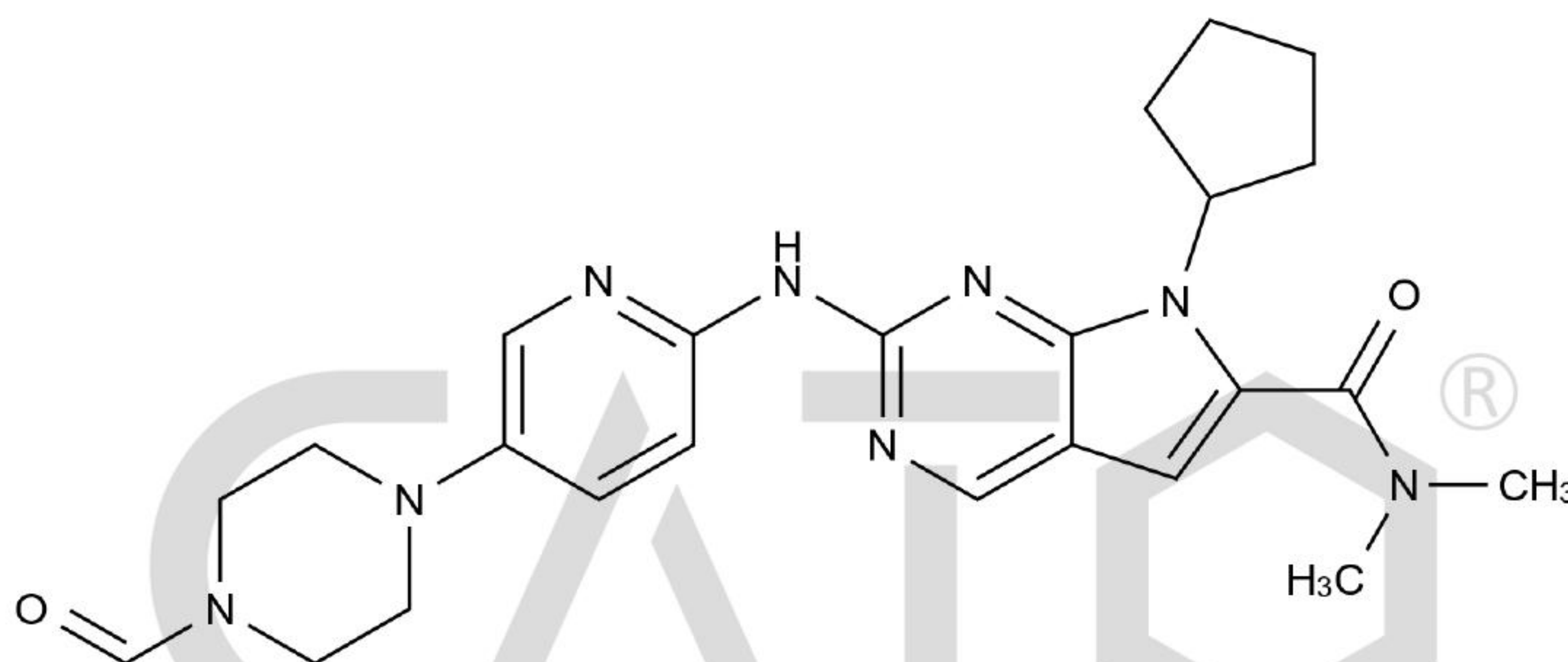
Certificate of Analysis

Reference Material & Standard

Product Name:	Ribociclib Impurity 9	Catalogue Number:	C4X-31009
Synonyms:	N/A	Lot Number:	1111-RF-0023
CAS Number:	2460732-08-3	Expiry Date:	Aug 13, 2027
Molecular Formula:	C ₂₄ H ₃₀ N ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	462.55	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.902%
Water Content	Karl Fischer	0.55%
Residual Solvents	NMR	0.27% dichloromethane
Assay		99.1%

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:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 12, 2024

Date: Nov 12, 2024

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