

Certificate of Analysis

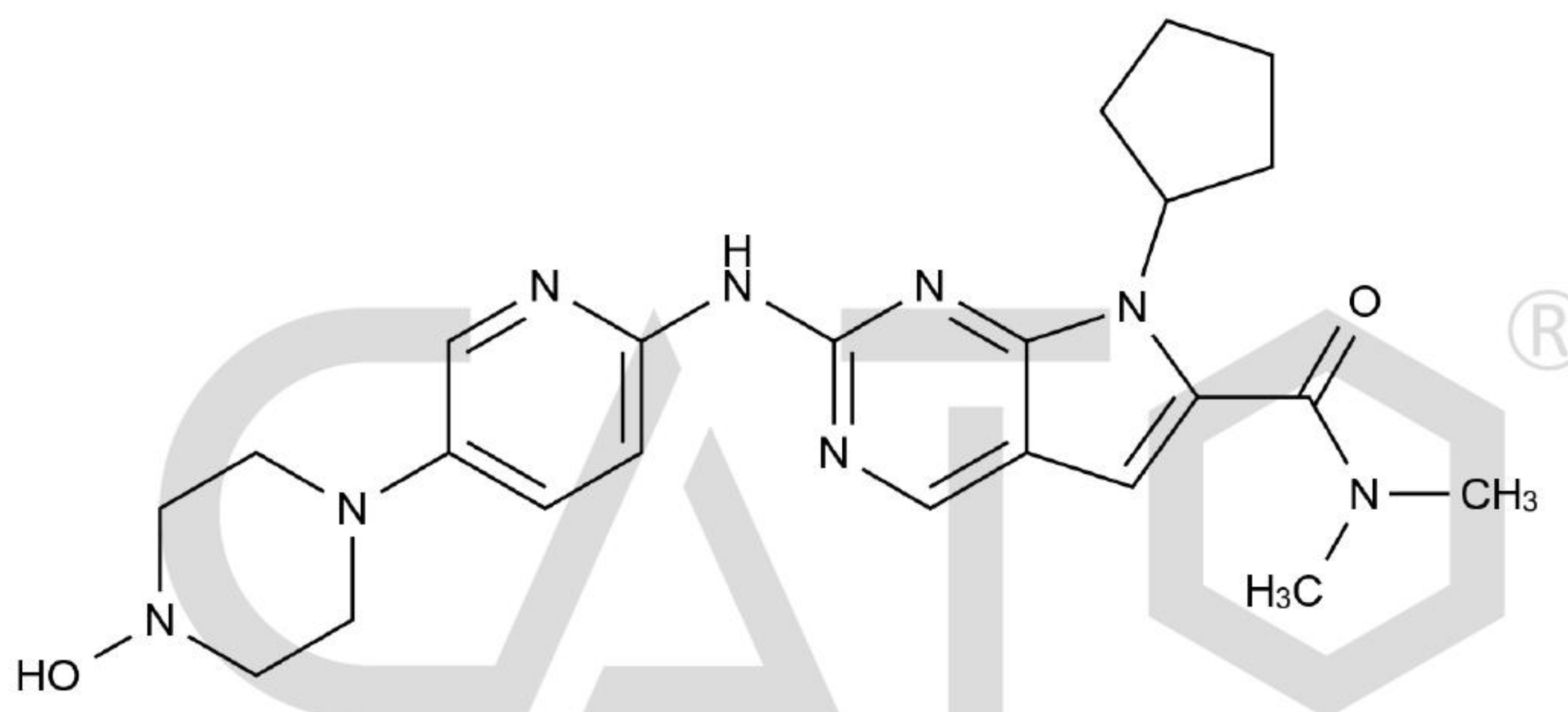
Reference Material & Standard

Product Name:	Ribociclib Impurity 7	Catalogue Number:	C4X-31007
Synonyms:	N/A	Lot Number:	1013-RG-0056
CAS Number:	N/A	Expiry Date:	May 09, 2029
Molecular Formula:	C ₂₃ H ₃₀ N ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	450.54		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.165%
Water Content	Karl Fischer	0.20%
Residual Solvents	NMR	Not detected in NMR
Assay		98.0%

Comment:

The calculation of the mass balance 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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Date: Oct 13, 2025

Date: Oct 14, 2025

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