

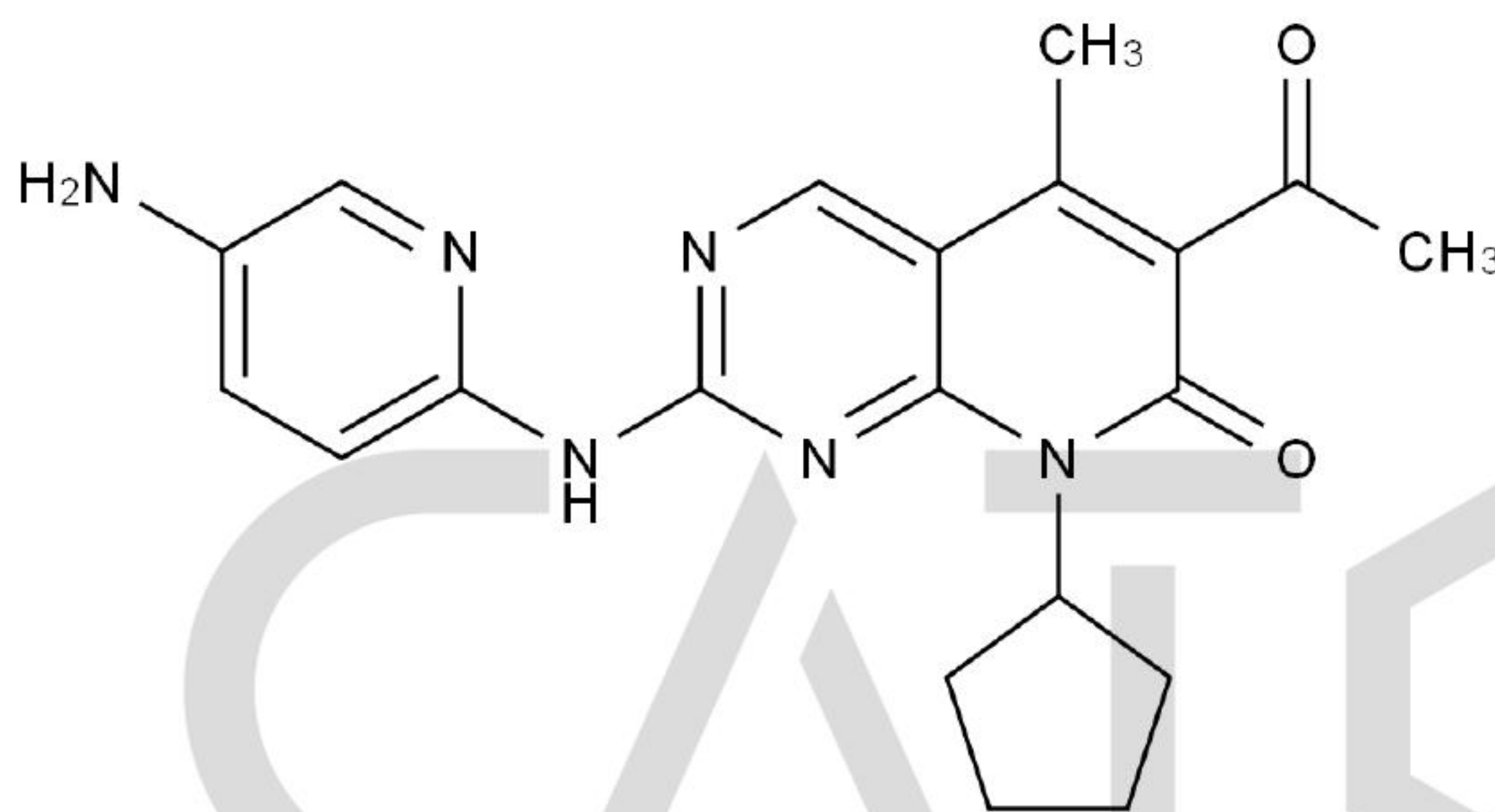
Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 86	Catalogue Number:	C4X-112586
Synonyms:	N/A	Lot Number:	1216-RF-0069
CAS Number:	2363172-64-7	Expiry Date:	Dec 16, 2027
Molecular Formula:	C20H22N6O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	378.43	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.189%
Water Content	Karl Fischer	0.11%
Residual Solvents	NMR	0.51% acetone
Assay		95.6%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Dec 18, 2024

Date: Dec 19, 2024

Date: Dec 19, 2024

