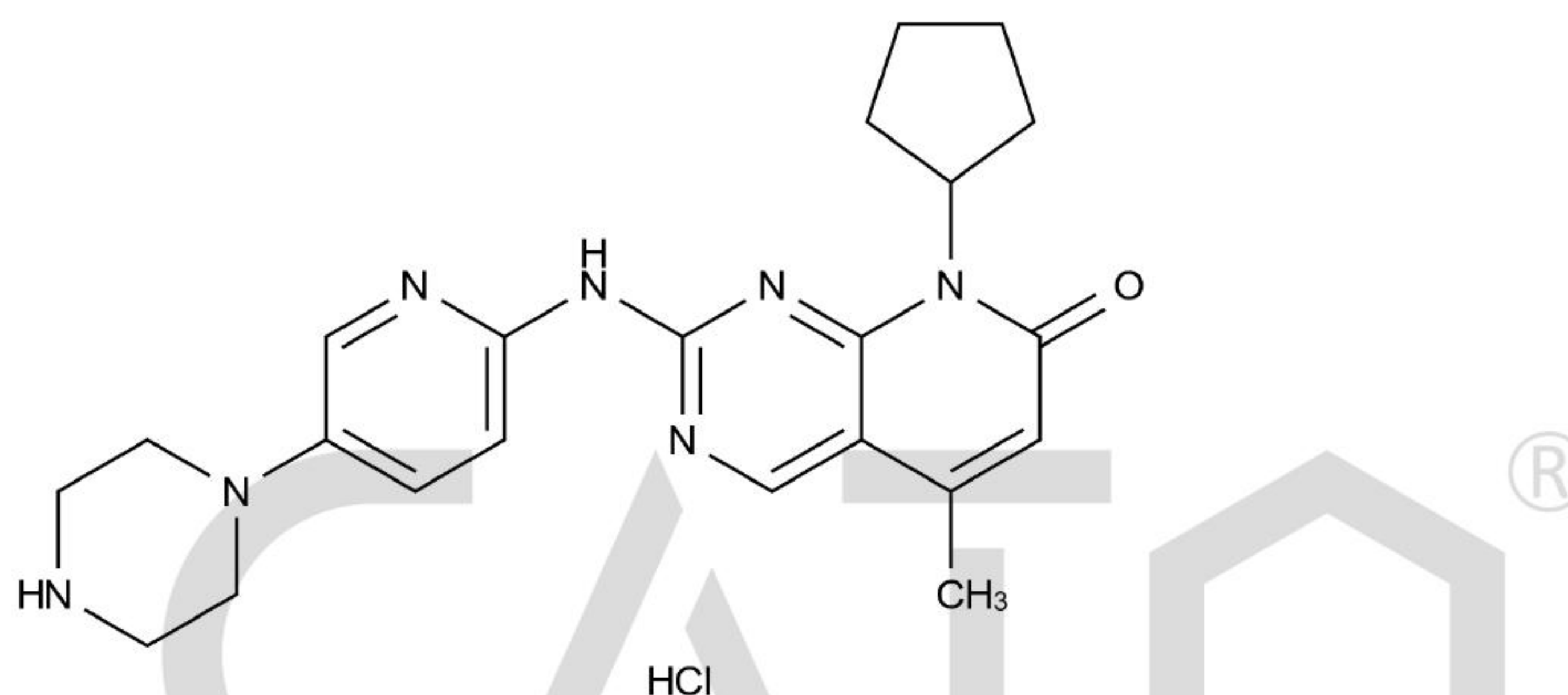


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 71 HCl	Catalogue Number:	C4X-112571
Synonyms:	N/A	Lot Number:	1122-RF-0101
CAS Number:	571189-66-7(·xHCl)	Expiry Date:	May 08, 2026
Molecular Formula:	C22H27N7O HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	405.50 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.849%
Water Content	Karl Fischer	0.63%
Residual Solvents	NMR	0.21% acetonitrile
Assay		99.0%

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:

Hin Lam

Approved by General Manager:

David

Date: Nov 25, 2024

Date: Nov 25, 2024

Date: Nov 25, 2024

