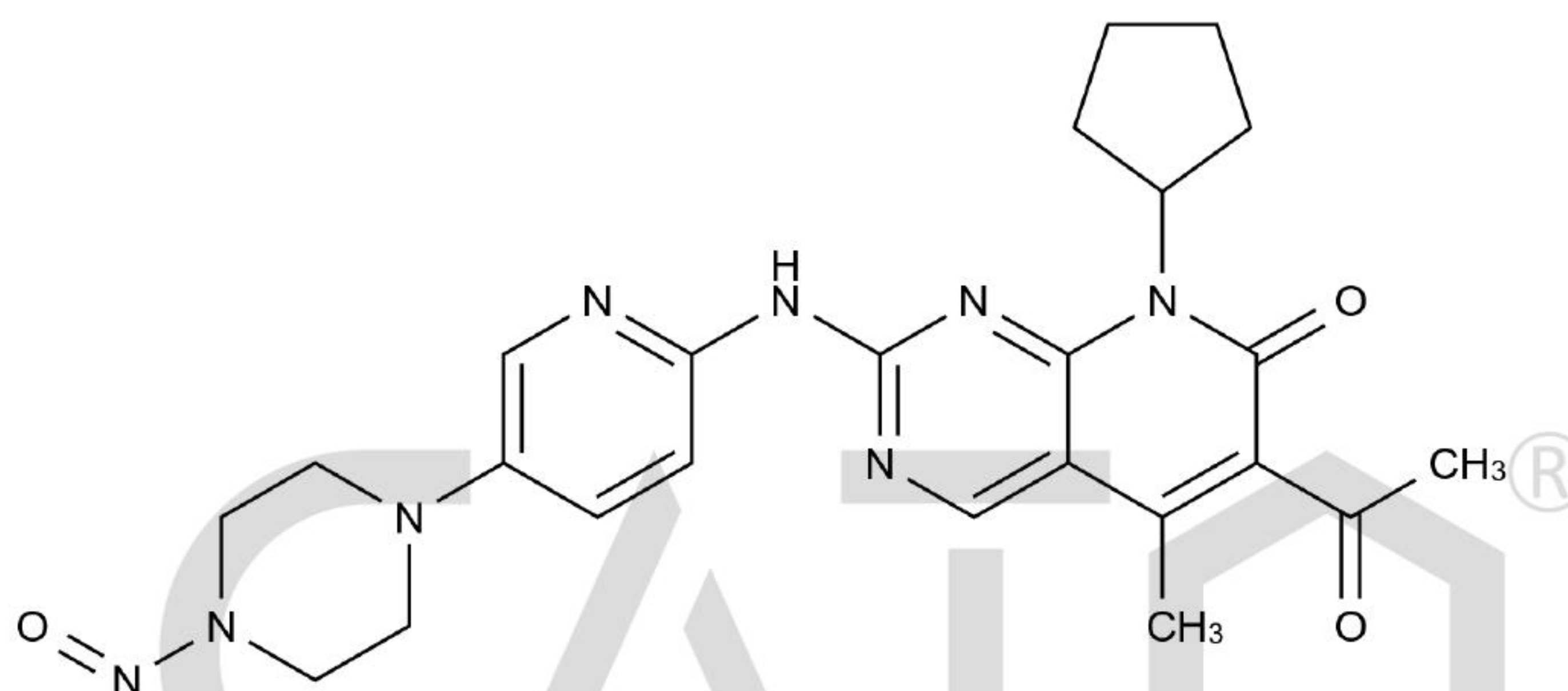


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 146	Catalogue Number:	C4X-1125146
Synonyms:	N/A	Lot Number:	1203-RF-0037
CAS Number:	2955712-44-2	Expiry Date:	Nov 17, 2026
Molecular Formula:	C ₂₄ H ₂₈ N ₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	476.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.842%
Water Content	Karl Fischer	0.11%
Residual Solvents	NMR	1.12% dichloromethane
Assay		97.6%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 04, 2024

Date: Dec 04, 2024

Date: Dec 04, 2024

