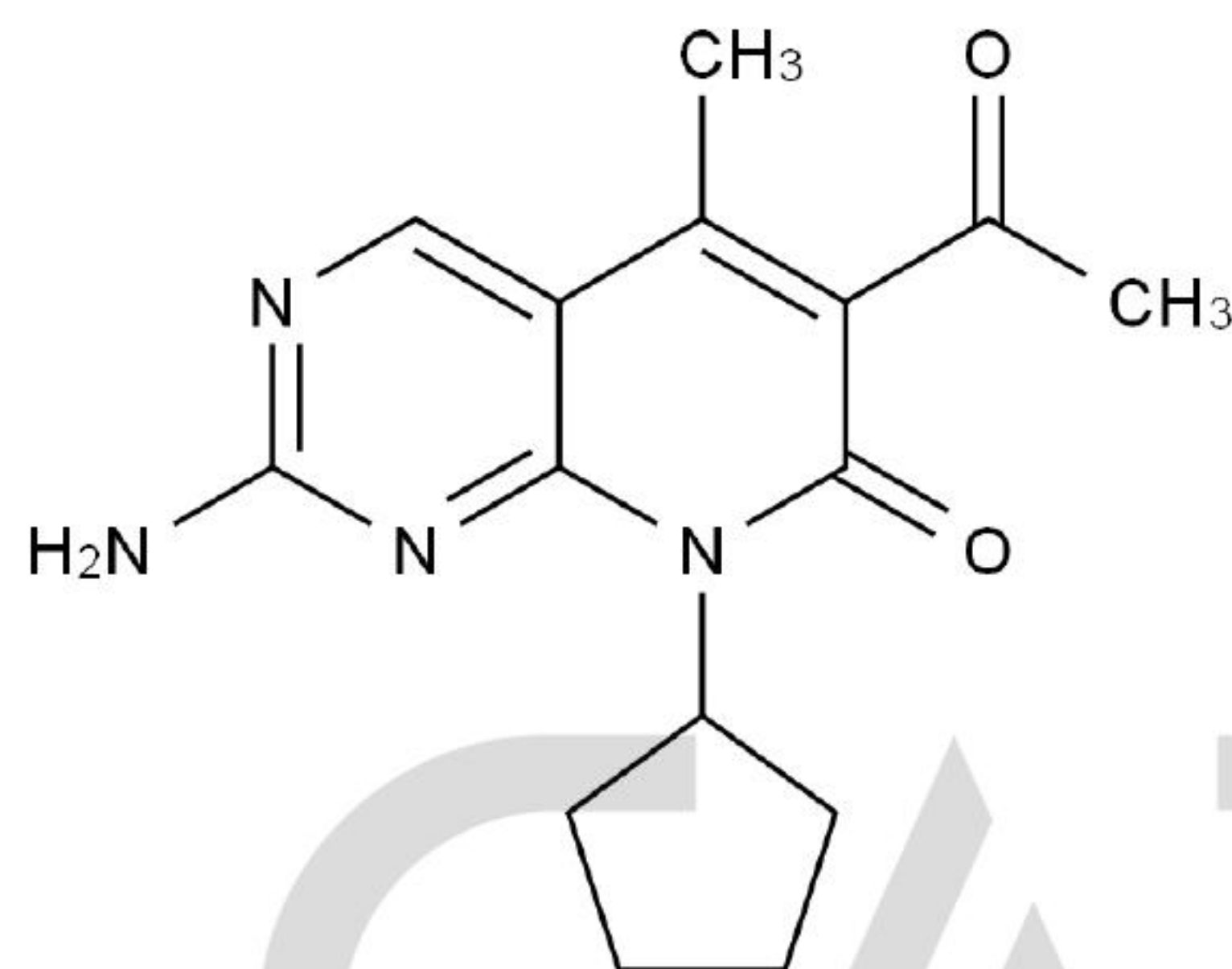


Certificate of Analysis

Reference Material

Product Name:	Palbociclib Impurity 84	Catalogue Number:	C4X-112584
Chemical Name:	N/A	Lot Number:	0828-RE-0054
CAS Number:	571189-64-5	Expiry Date:	Aug 23, 2026
Molecular Formula:	C ₁₅ H ₁₈ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	286.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.469%
Water Content	Karl Fischer	0.50%
Residual Solvents	NMR	0.47% acetone
Assay		98.5%

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

Aporoved by General manager:

David

Date: Aug 24, 2023

Date: Aug 29, 2023

Date: Aug 29, 2023

