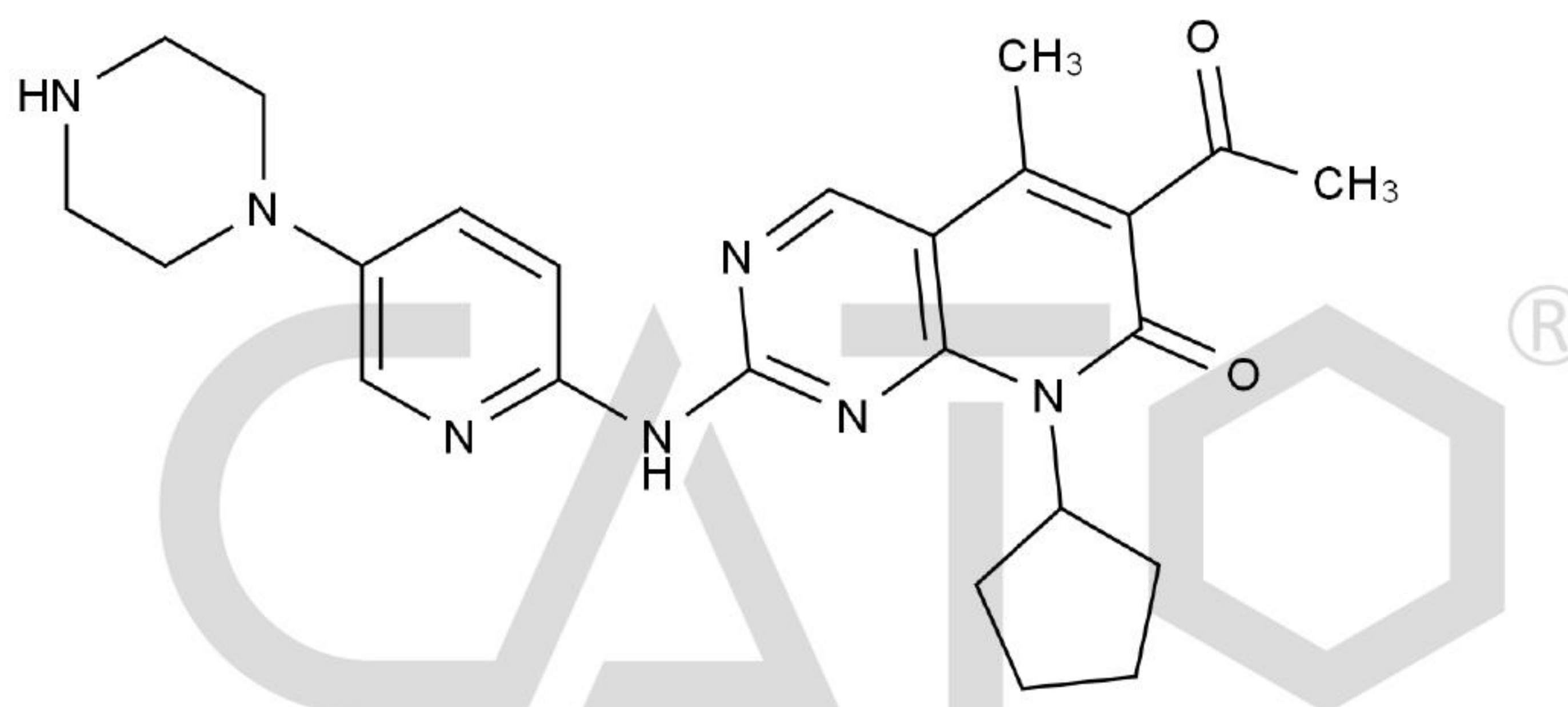


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib	Catalogue Number:	C4X-1125
Synonyms:	N/A	Lot Number:	0209-RH-0149
CAS Number:	571190-30-2	Expiry Date:	Feb 11, 2030
Molecular Formula:	C ₂₄ H ₂₉ N ₇ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	447.53	Shipping Condition:	Shipping at Room Temperature
Solubility:	Dichloromethane	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	1.0131%
Loss On Drying	TGA	0.0111%
Assay		99.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 12, 2026

Date: Feb 24, 2026

Date: Feb 24, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

