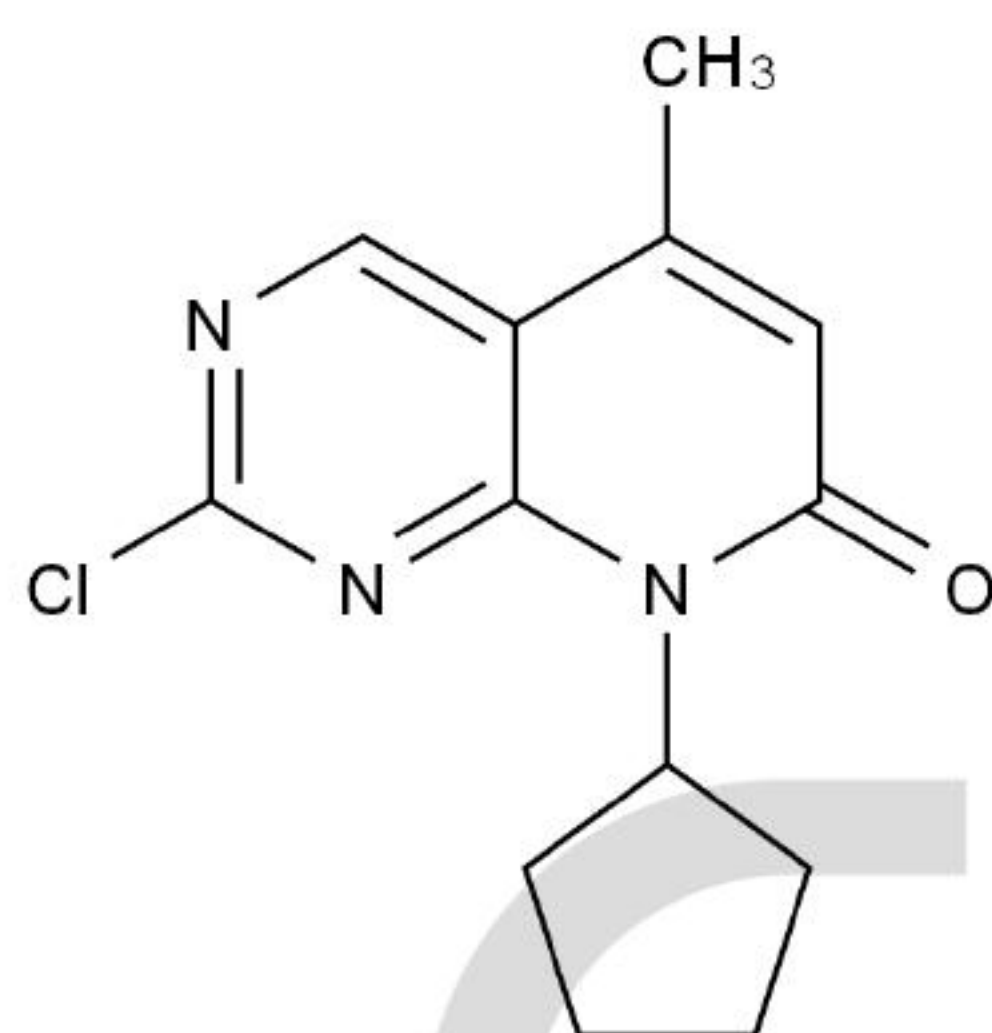


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 96	Catalogue Number:	C4X-112596
Synonyms:	2-Chloro-8-cyclopentyl-5-methylpyrido[2,3-d]pyrimidin-7(8H)-one	Lot Number:	1129-RA-0003
CAS Number:	1013916-37-4	Expiry Date:	Apr 08, 2027
Molecular Formula:	C ₁₃ H ₁₄ ClN ₃ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	263.72	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.939%
Loss On Drying	TGA	0.0665%
Assay		99.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 09, 2024

Date: Apr 09, 2024

Date: Apr 09, 2024

