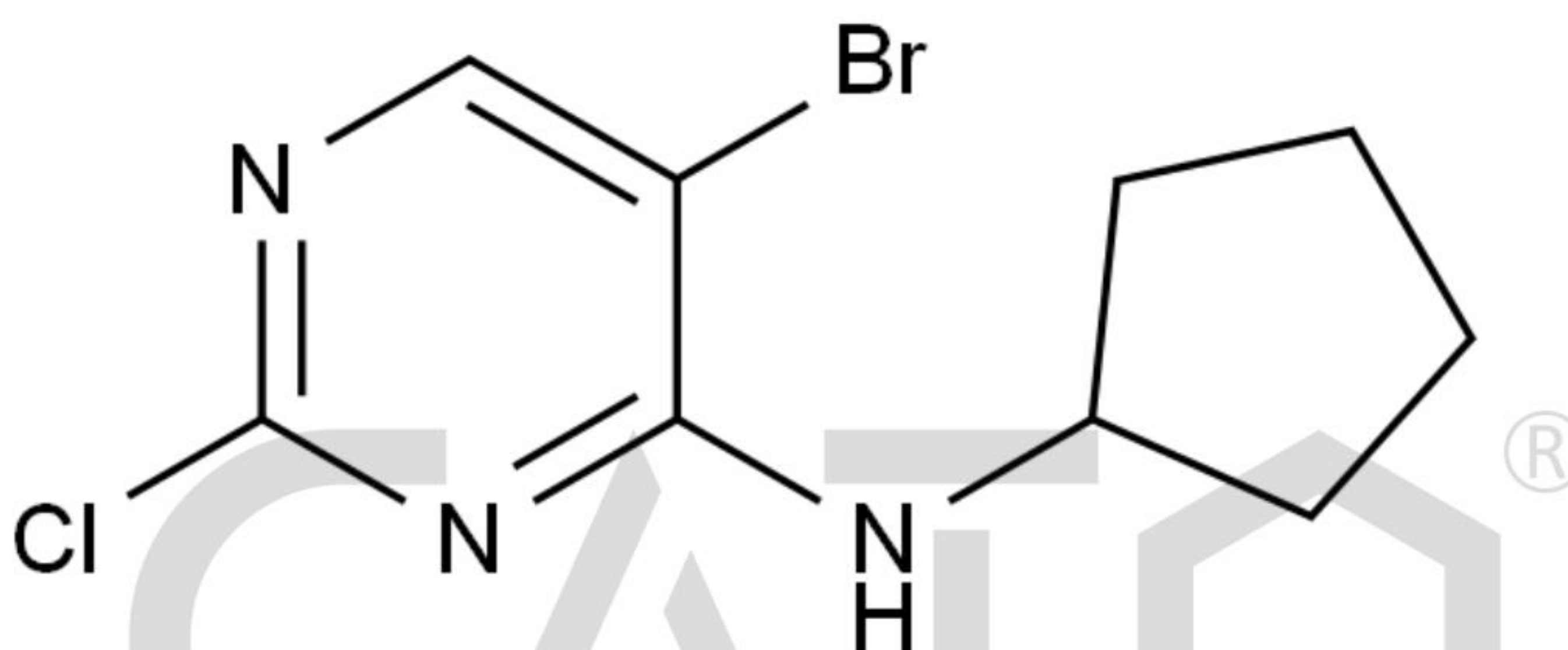


Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 31	Catalogue Number:	C4X-112531
Synonyms:	N/A	Lot Number:	1205-RA-0003
CAS Number:	733039-20-8	Expiry Date:	Apr 10, 2027
Molecular Formula:	C ₉ H ₁₁ BrClN ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	276.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.5022%
Residue on Ignition	Muffle Furnace	0.02%
Loss On Drying	TGA	0.3305%
Assay		99.2%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * 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:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Apr 11, 2024

Date: Apr 11, 2024

Date: Apr 11, 2024

