

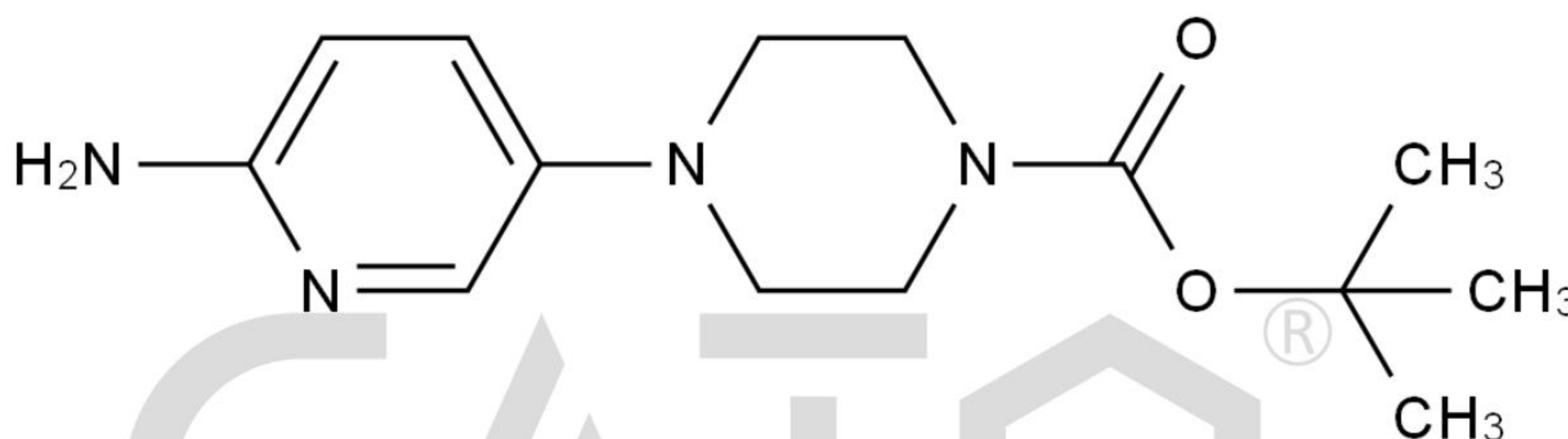
Certificate of Analysis

Reference Material & Standard

Product Name:	Palbociclib Impurity 28	Catalogue Number:	C4X-112528
Synonyms:	N/A	Lot Number:	0408-RF-0025
CAS Number:	571188-59-5	Expiry Date:	Apr 09, 2027
Molecular Formula:	C ₁₄ H ₂₂ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	278.35	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0532%
Assay		99.9%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: Apr 10, 2024

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