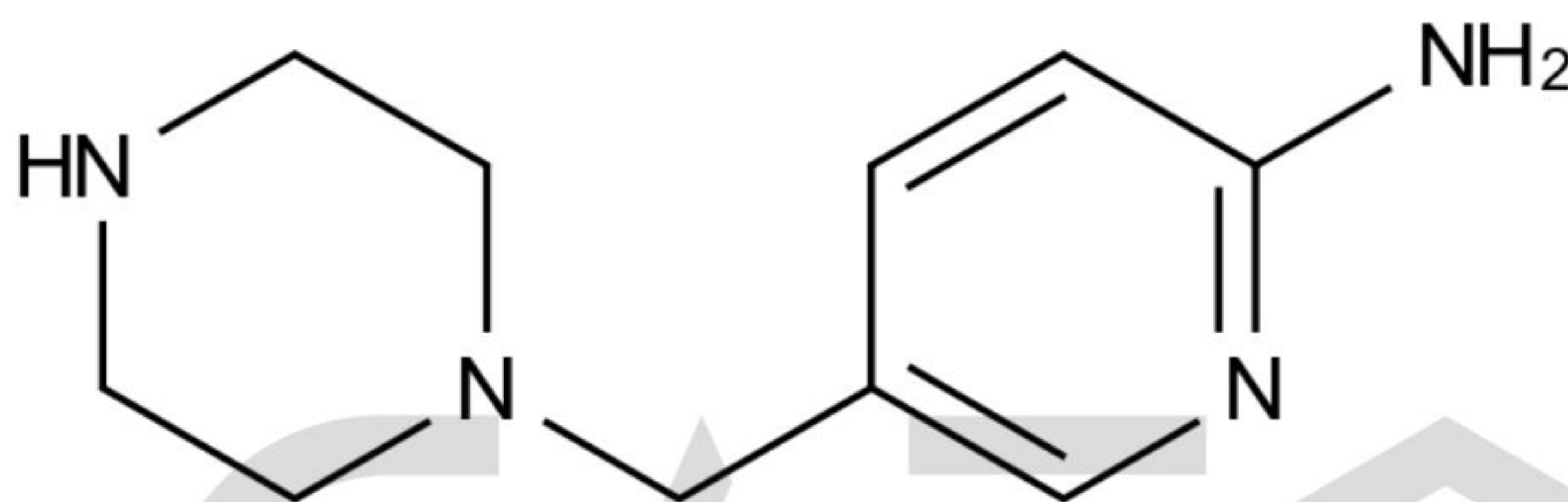


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 21	Catalogue Number:	C4X-293721
Synonyms:	N/A	Lot Number:	1212-RF-0063
CAS Number:	1178566-47-6 (free base)	Expiry Date:	Dec 16, 2027
Molecular Formula:	C ₁₀ H ₁₆ N ₄ 3*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	192.26 3*36.46		

Chemical Structure:



HCl
HCl
HCl

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.264%
Loss On Drying	TGA	0.3195%
Assay		98.9%

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: Dec 17, 2024

Date: Dec 17, 2024

Date: Dec 17, 2024

