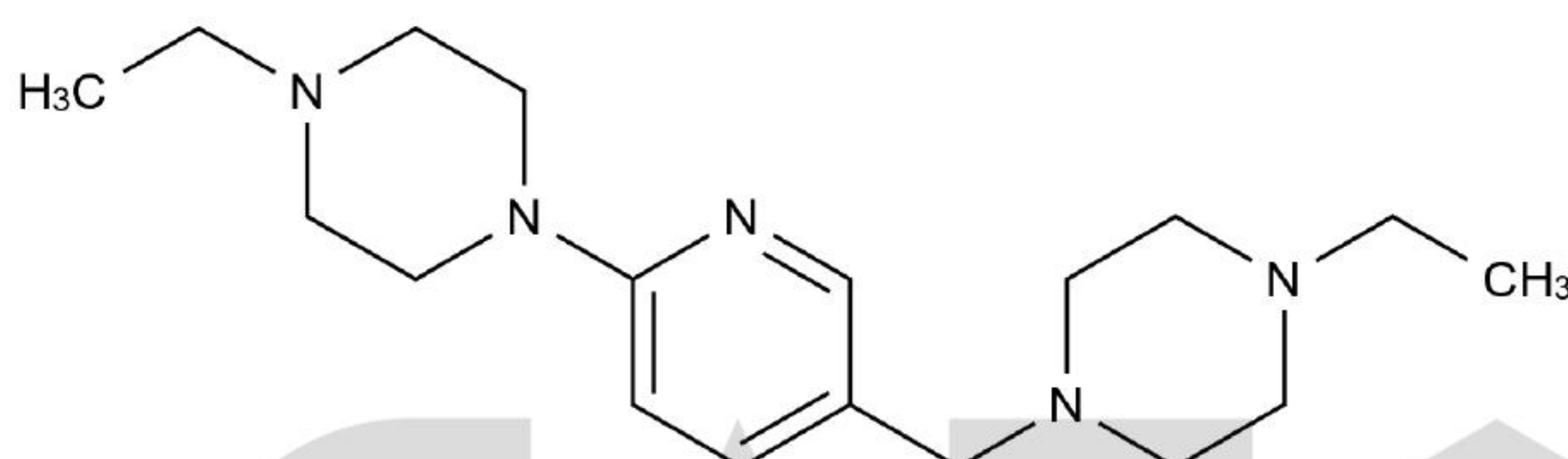


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 30 DiHCl	Catalogue Number:	C4X-293730
Synonyms:	N/A	Lot Number:	1022-RG-0075
CAS Number:	2124229-65-6 (free base)	Expiry Date:	Oct 16, 2029
Molecular Formula:	C ₁₈ H ₃₁ N ₅ 2*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	317.47 2*36.46		

Chemical Structure:



HCl
HCl

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.978%
Water Content	Karl Fischer	3.87%
Residual Solvents	NMR	Not detected in NMR
Assay		96.1%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 23, 2025

Date: Oct 23, 2025

Date: Oct 23, 2025



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