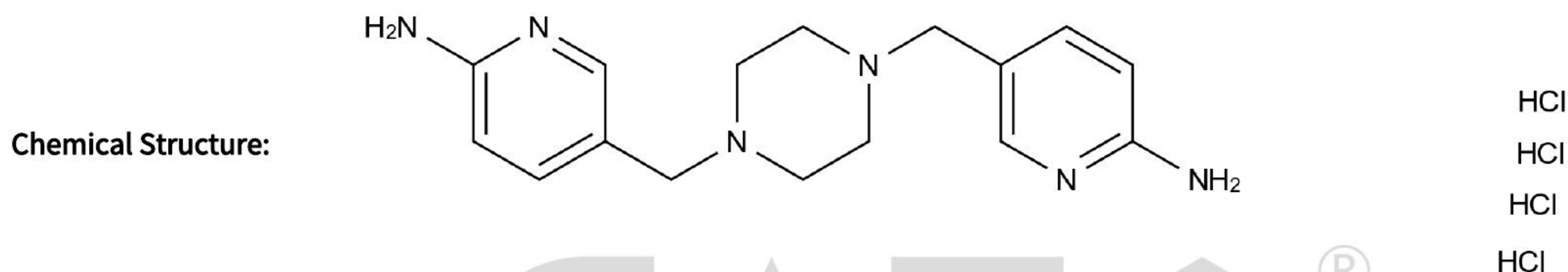


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 31 4HCl	Catalogue Number:	C4X-293731
Synonyms:	N/A	Lot Number:	0228-RG-0081
CAS Number:	N/A	Expiry Date:	Oct 19, 2026
Molecular Formula:	C ₁₆ H ₂₂ N ₆ 4*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	298.39 4*36.46		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.693%
Water Content	Karl Fischer	5.24%
Residual Solvents	NMR	Not detected in NMR
Assay		92.6%

Comment:

The calculation of the 100% 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: Feb 28, 2025

Date: Mar 03, 2025

Date: Mar 03, 2025

