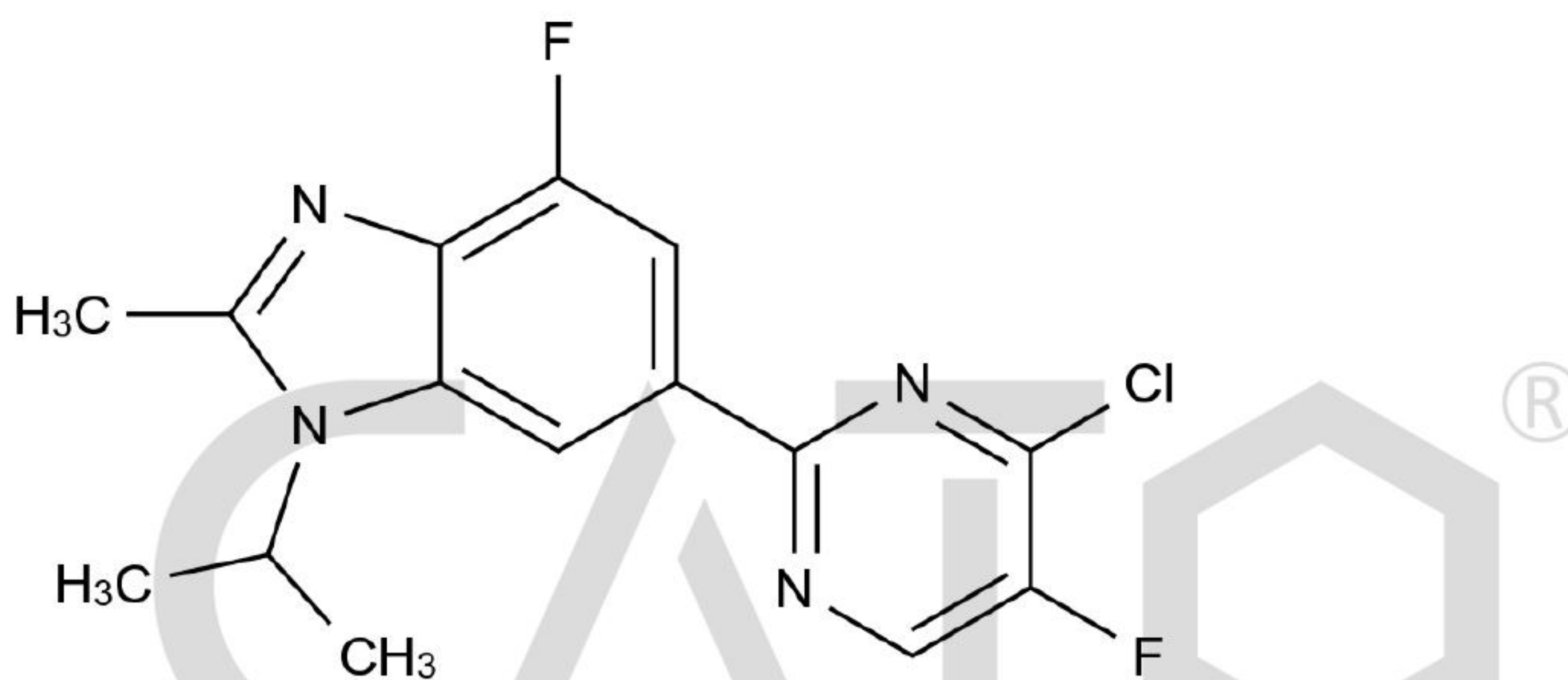


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 4	Catalogue Number:	C4X-29374
Synonyms:	N/A	Lot Number:	0708-RG-0077
CAS Number:	N/A	Expiry Date:	Apr 01, 2028
Molecular Formula:	C ₁₅ H ₁₃ ClF ₂ N ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.74	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.0203%
Loss On Drying	TGA	0.4514%
Assay		98.6%

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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 08, 2025

Date: Jul 09, 2025

Date: Jul 09, 2025

