

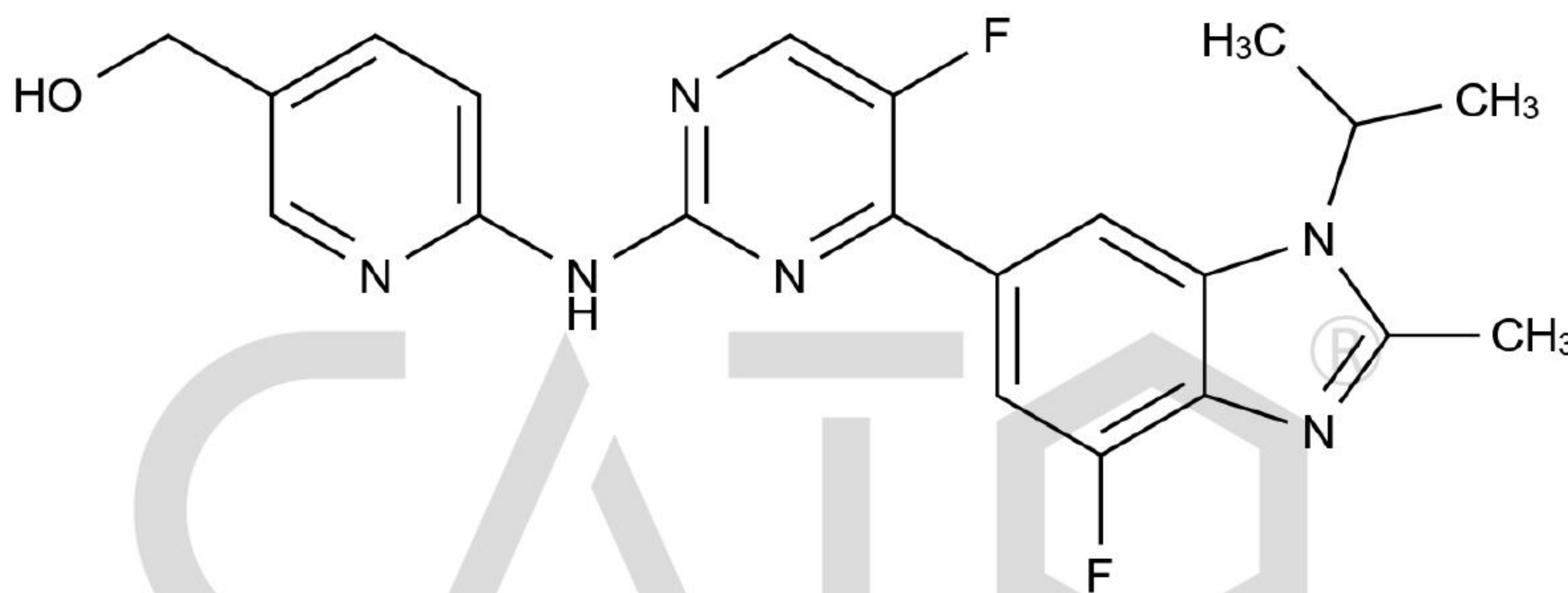
Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 13	Catalogue Number:	C4X-293713
Synonyms:	N/A	Lot Number:	0116-RG-0051
CAS Number:	1648707-16-7	Expiry Date:	Jan 15, 2028
Molecular Formula:	C ₂₁ H ₂₀ F ₂ N ₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	410.42	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.970%
Residue on Ignition	TGA	0.4146%
Loss On Drying	TGA	0.2398%
Assay		96.3%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Jul 04, 2025

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