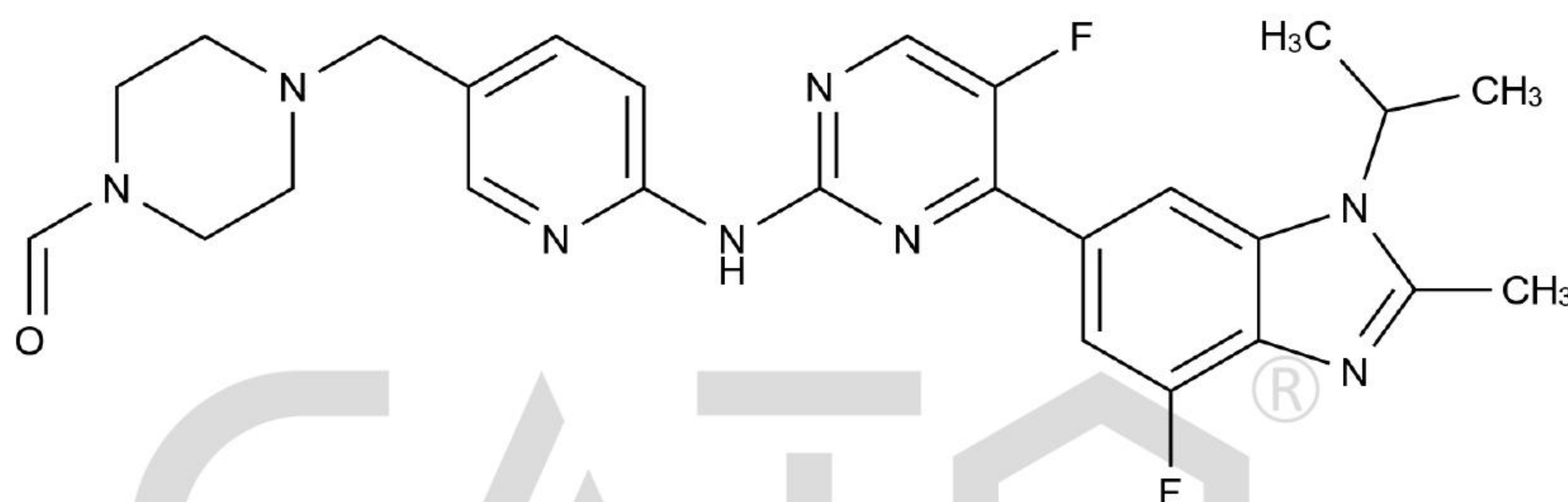


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity 82	Catalogue Number:	C4X-293782
Synonyms:	N/A	Lot Number:	0415-RG-0042
CAS Number:	N/A	Expiry Date:	Apr 20, 2028
Molecular Formula:	C ₂₆ H ₂₈ F ₂ N ₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	506.55		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.387%
Loss On Drying	TGA	1.1514%
Assay		94.3%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 21, 2025

Date: Apr 21, 2025

Date: Apr 21, 2025

