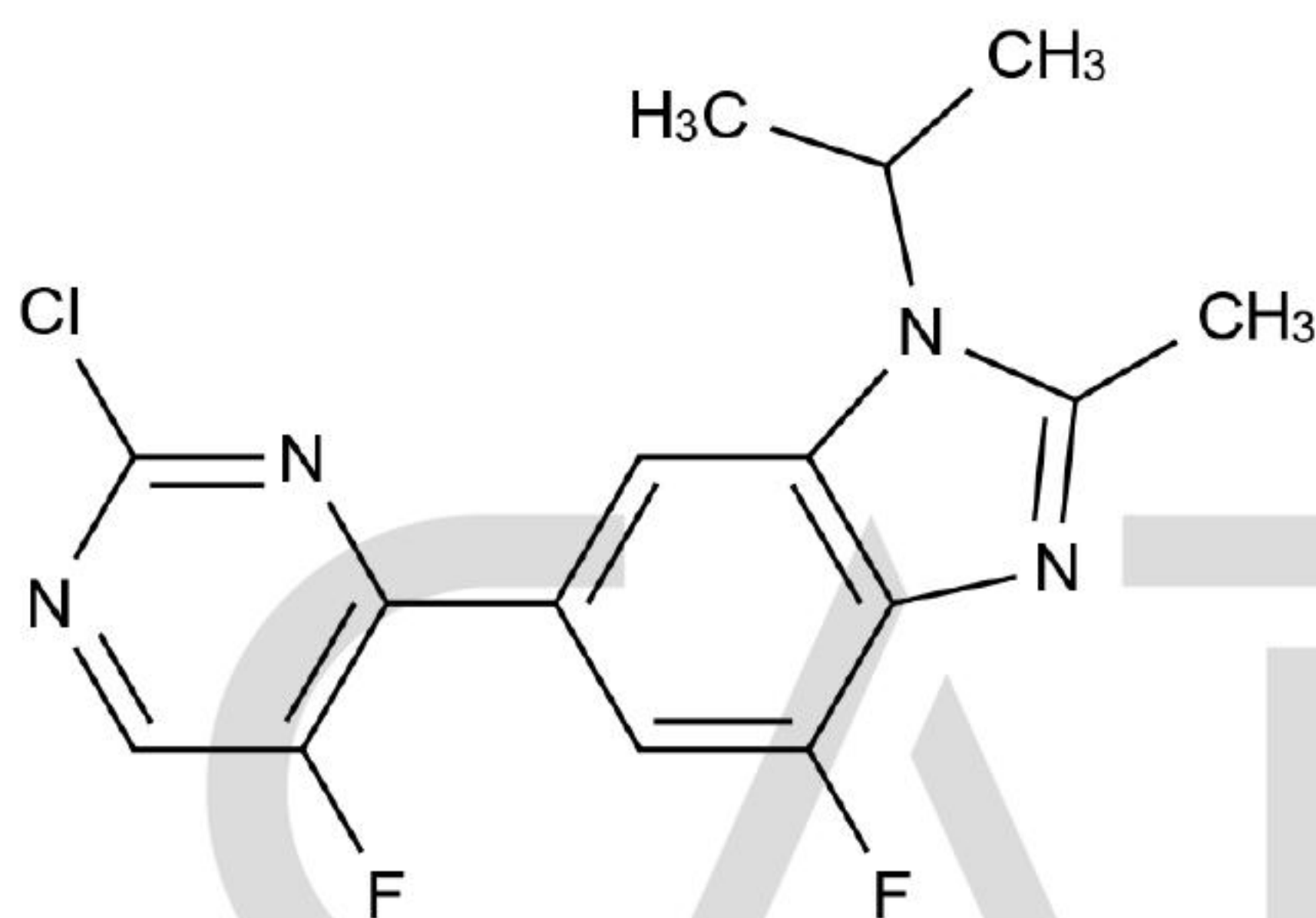


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity N3	Catalogue Number:	C1144486
Synonyms:	N/A	Lot Number:	0716-RF-0046
CAS Number:	1231930-42-9	Expiry Date:	Jul 17, 2027
Molecular Formula:	C15H13ClF2N4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.74	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.618%
Loss On Drying	TGA	0.0774%
Assay		99.5%

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: Jul 18, 2024

Date: Jul 18, 2024

Date: Jul 18, 2024

