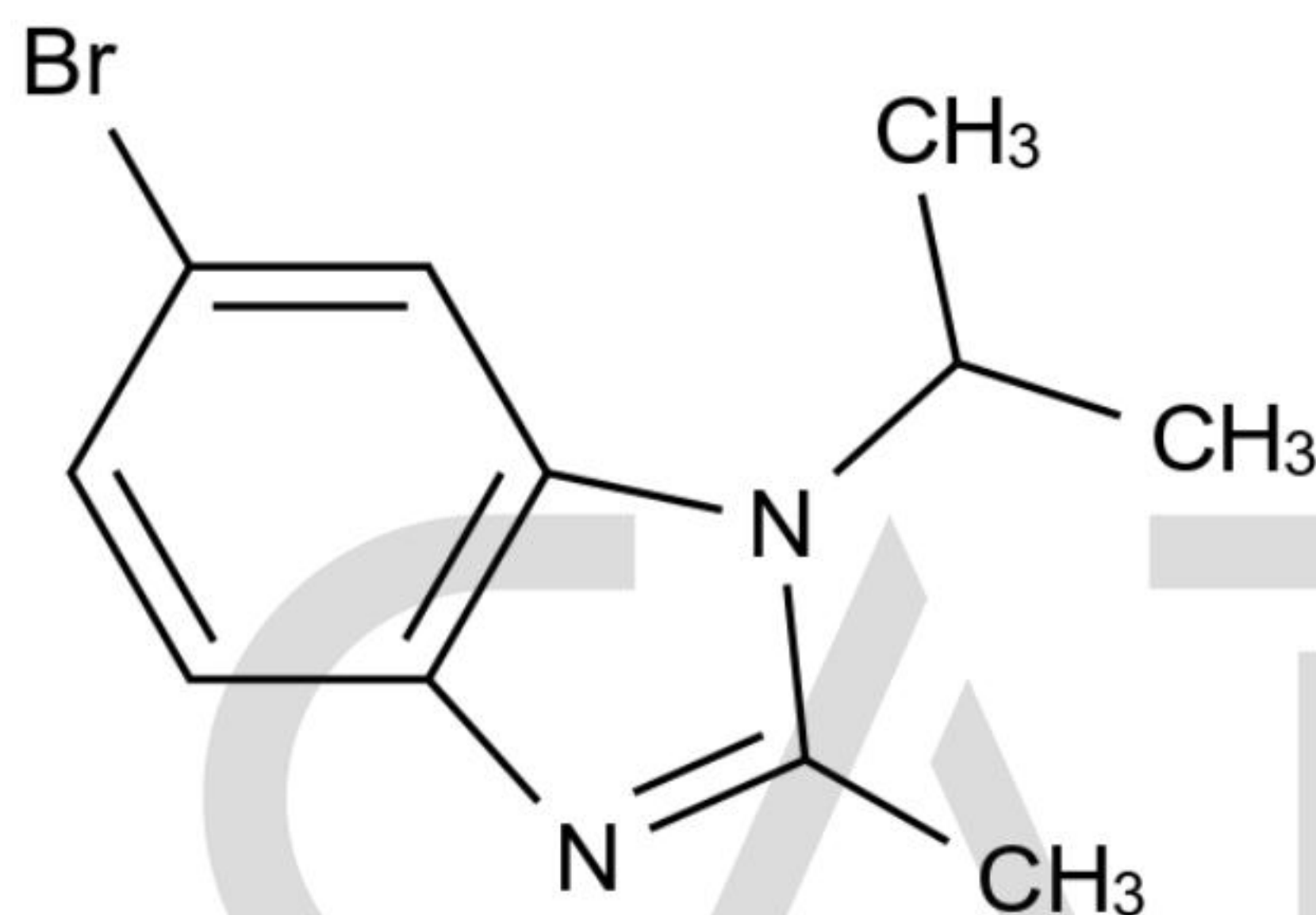


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity N5	Catalogue Number:	C1030550
Synonyms:	N/A	Lot Number:	0716-RF-0047
CAS Number:	1038408-36-4	Expiry Date:	Jul 17, 2027
Molecular Formula:	C ₁₁ H ₁₃ BrN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	253.14	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Purple Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.661%
Loss On Drying	TGA	1.0423%
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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 18, 2024

Date: Jul 18, 2024

Date: Jul 18, 2024

