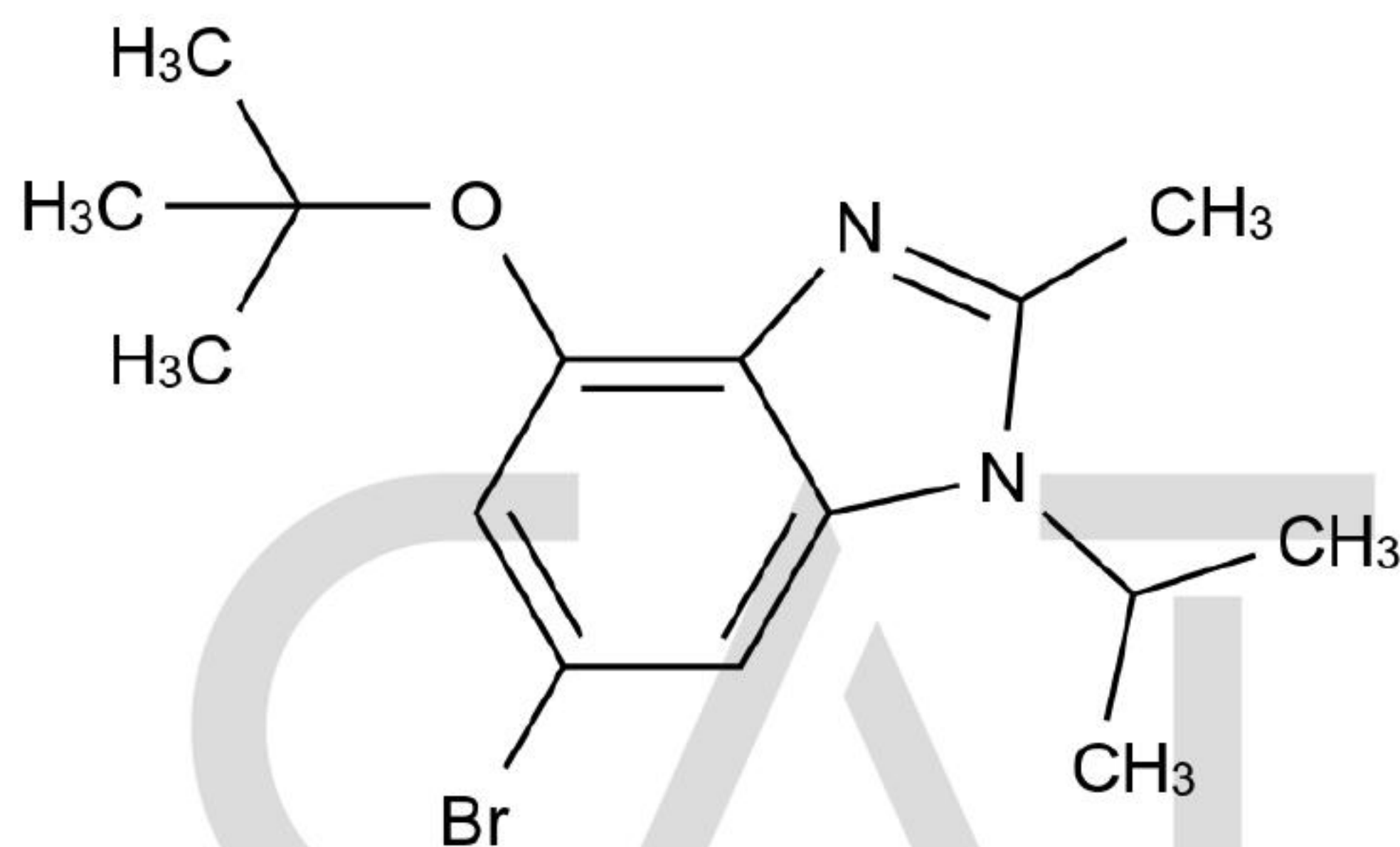


Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity N1	Catalogue Number:	C1768359
Synonyms:	N/A	Lot Number:	0310-RG-0050
CAS Number:	2177297-46-8	Expiry Date:	Mar 11, 2028
Molecular Formula:	C ₁₅ H ₂₁ BrN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	325.24	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.6141%
Loss On Drying	TGA	0.3121%
Assay		95.3%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 12, 2025

Date: Mar 12, 2025

Date: Mar 12, 2025

