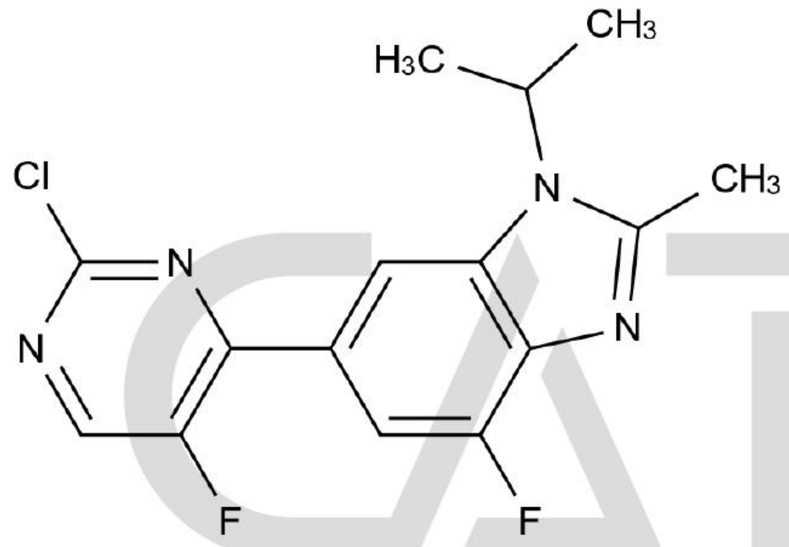
Certificate of Analysis

Reference Material & Standard

Product Name:	Abemaciclib Impurity N3	**Catalogue Number:**	C1144486
Synonyms:	N/A	**Lot Number:**	0914-RH-0118
CAS Number:	1231930-42-9	**Expiry Date:**	Sep 13, 2030
Molecular Formula:	$C_{15}H_{13}ClF_2N_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.74	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.419%
Residue on Ignition	TGA	0.5128%
Loss on Drying	TGA	0.1133%
Assay		98.8%

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Comment:

The calculation of the mass balance 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:

Prepared by: Koi — Date: Sep 14, 2026

Reviewed by: Lisa — Date: Sep 15, 2026

Approved by General Manager: David — Date: Sep 15, 2026

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