

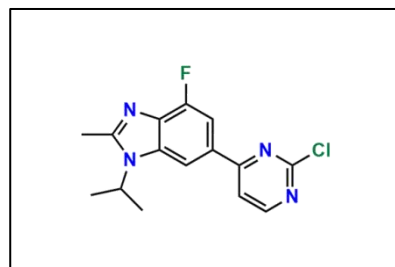
Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABEMACICLIB IMPURITY 30

Identification

Chemical Name	: 6-(2-Chloropyrimidin-4-yl)-4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazole
CAT No	: ALL-A07539
CAS No	: 1231930-47-4
Molecular Formula	: C ₁₅ H ₁₄ ClFN ₄
Molecular Weight	: 304.8



Analytical Information

Batch No.	: ALL-A07539	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.84 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.642 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.539 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.642 + 0.539) \times 98.00] / 100 = 96.84 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office