

Analysis Date: 09-02-2023

Re-test Date: 09-02-2026

ABEMACICLIB IMPURITY 45

Identification

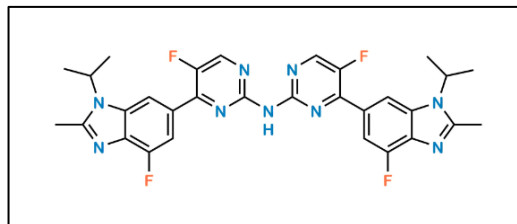
Chemical Name : Bis(5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-yl)amine

CAT No : ALL-A07552

CAS No : N.A.

Molecular Formula : C₃₀H₂₇F₄N₉

Molecular Weight : 589.6



Analytical Information

Batch Code	: ALL-A07552	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.30 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.183 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.548 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =

[100 - (1.183 + 0.548) × 98.00]/100 = 96.30 %

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