

Analysis Date: 19-12-2025

Re-test Date: 19-12-208

ABEMACICLIB IMPURITY 42

Identification

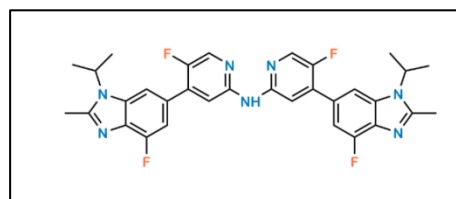
Chemical Name : Bis(5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyridin-2-yl)amine

CAT No : ALL-A07549

CAS No : N.A.

Molecular Formula : C₃₂H₂₉F₄N₇

Molecular Weight : 587.6



Analytical Information

Batch No.	: ALL-A07549	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.75 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.617 %	1HNMR	: Confirm
Residue Of Ignition	: 0.655 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.617+0.655) × 98.00]/100 = 96.75 %

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