Certificate Of Analysis

Analysis Date: 14-01-2025 **Re-test Date:** 14-01-2028

ACALABRUTINIB IMPURITY 27

Identification

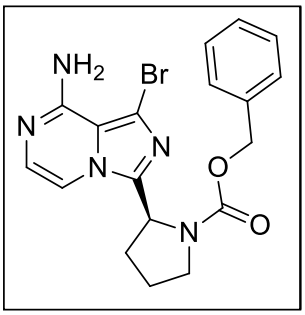
Chemical Name : Benzyl (S)-2-(8-amino-1-bromoimidazo[1,5-a]pyrazin-3-yl)pyrrolidine-1-carboxylate

CAT No : ALL-ACA-8881

CAS No : 1420478-88-1

Molecular Formula : C18H18BrN5O2

Molecular Weight : 416.3



Analytical Information

Batch Code	: ALL-ABI-8881	**HPLC Purity**	: 98.42 %
Solubility	: MeOH: ACN	**Potency**	: 97.06 %
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^0 C	**IR Analysis**	: Confirm
Water Content By TGA	: 1.092 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.287 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.092+0.287) × 98.42]/100 = 97.06 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203