

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ACALABRUTINIB IMPURITY 10

Identification

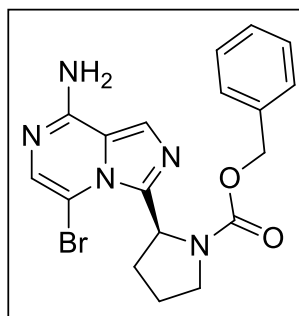
Chemical Name : Benzyl (S)-2-(8-amino-5-bromoimidazo[1,5-a]pyrazin-3-yl)pyrrolidine-1-carboxylate

CAT No : ALL-ACA-1223

CAS No : N.A

Molecular Formula : C₁₈H₁₈BrN₅O₂

Molecular Weight : 416.3



Analytical Information

Batch Code	: ALL-ACA-1223	HPLC Purity	: 96.79 %
Solubility	: MeOH: ACN	Potency	: 95.26 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 0.253 %	¹H NMR	: Confirm
Residue Of Ignition	: 1.327 %		

Additional Information

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

[100 - (0.253 + 1.327) × 96.79]/100 = 95.26 %

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

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