

Analysis Date: 01-01-2026

Re-test Date: 01-01-2029

ACALABRUTINIB IMPURITY 42

Identification

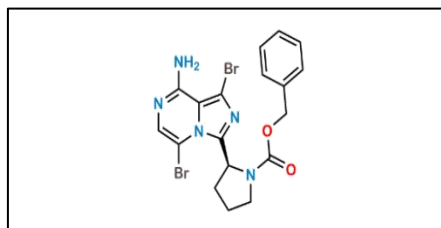
Chemical Name : Benzyl (S)-2-(8-amino-1,5-dibromoimidazo[1,5-a]pyrazin-3-yl)pyrrolidine-1-carboxylate

CAT No : ALL-ACA-1327

CAS No : N.A.

Molecular Formula : C₁₈H₁₇Br₂N₅O₂

Molecular Weight : 495.2



Analytical Information

Batch No.	: ALL-ACA-1327	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.30 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.967 %	1HNMR	: Confirm
Residue Of Ignition	: 0.759 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.967+0.759) × 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