

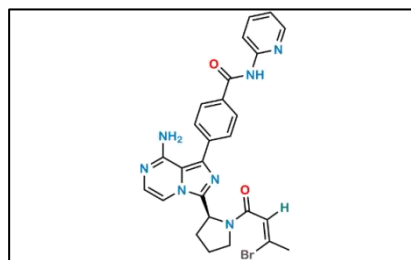
Analysis Date: 02-01-2026

Re-test Date: 02-01-2029

ACALABRUTINIB IMPURITY 43

Identification

Chemical Name	: (S,Z)-4-(8-amino-3-(1-(3-bromobut-2-enoyl)pyrrolidin-2-yl)imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl)benzamide
CAT No	: ALL-ACA-1328
CAS No	: N.A.
Molecular Formula	: C ₂₆ H ₂₄ BrN ₇ O ₂
Molecular Weight	: 546.4



Analytical Information

Batch Number	: ALL-ACA-1328	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.51 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.364 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.745 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.364 + 0.745) \times 98.00] / 100 = 96.51 \%$$

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