

Analysis Date: 02-01-2025

Re-test Date: 02-01-2028

ACALABRUTINIB NITROSO IMPURITY 7

Identification

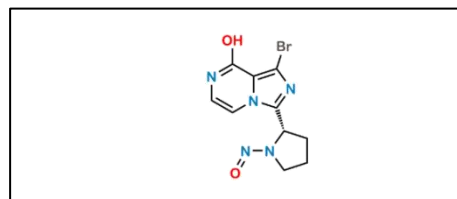
Chemical Name : (S)-1-Bromo-3-(1-nitrosopyrrolidin-2-yl)imidazo[1,5-a]pyrazin-8-ol

CAT No : ALL-ACA-1333

CAS No : N.A.

Molecular Formula : C₁₀H₁₀BrN₅O₂

Molecular Weight : 312.1



Analytical Information

Batch No.	: ALL-ACA-1333	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.37 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.917 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.740 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.917 + 0.740) × 95.55]/100 = 96.37 %

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