

Analysis Date: 02-01-2026

Re-test Date: 01-01-2029

ACALABRUTINIB NITROSO IMPURITY 5

Identification

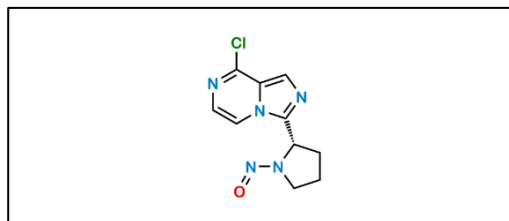
Chemical Name : (S)-8-Chloro-3-(1-nitrosopyrrolidin-2-yl)imidazo[1,5-a]pyrazine

CAT No : ALL-ACA-1335

CAS No : N.A.

Molecular Formula : C₁₀H₁₀ClN₅O

Molecular Weight : 251.7



Analytical Information

Batch No.	: ALL-ACA-1335	HPLC Purity	: 98.00 %
Solubility	: DCM	Potency	: 96.85 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.678 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.488 %		

Additional Information

% Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.678 + 0.488) × 98.00]/100 = 96.85 %

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