

Analysis Date: 01-01-2026

Re-test Date: 01-01-2029

ABROCITINIB NITROSO IMPURITY 1

Identification

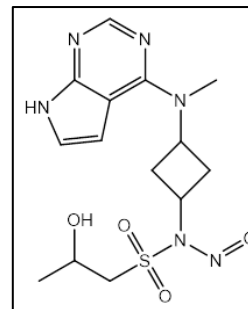
Chemical Name : 2-Hydroxy-N-(3-(methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)cyclobutyl)-N-nitrosopropane-1-sulfonamide

CAT No : ALL-A07570

CAS No : N.A.

Molecular Formula : C₁₄H₂₀N₆O₄S

Molecular Weight : 368.40 g/mol



Analytical Information

Batch No.	: ALL-A07570	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.21 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.146 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.657 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.146+0.657) × 98.00]/100 = 97.21 %

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