Certificate Of Analysis

Analysis Date: 14-01-2025 **Re-test Date:** 14-01-2028

ACALABRUTINIB DIMER IMPURITY 3

Identification

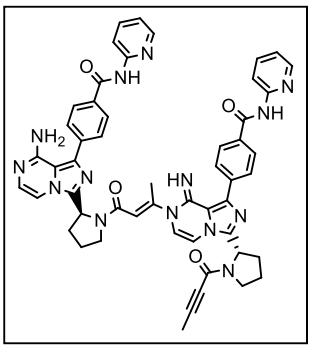
Chemical Name : 4-(7-(4-((S)-2-(8-amino-1-(4-(pyridin-2-ylcarbamoyl)phenyl)imidazo[1,5-a]pyrazin-3-yl)pyrrolidin-1-yl)-4-oxobut-2-en-2-yl)-3-((S)-1-(but-2-ynoyl)pyrrolidin-2-yl)-8-imino-7,8-dihydroimidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl)benzamide

CAT No : ALL-ACA-9834

CAS No : N.A

Molecular Formula : C52H46N14O

Molecular Weight : 931.0



Analytical Information

Batch Code	: ALL-ACA-9834	**HPLC Purity**	: 98.37 %
Solubility	: MeOH: ACN	**Potency**	: 97.07 %
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^0 C	**IR Analysis**	: Confirm
Water Content By TGA	: 1.140 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.172 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.140+0.172) × 98.37]/100 = 97.07 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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

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