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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Acalabrutinib Impurity 9

Identification:

Chemical Name: Benzyl (S)-2-(8-amino-6-bromoimidazo[1,5-a]pyrazin-3-yl)pyrrolidine-1-carboxylate

Synonyms	: NA	NU
CAS Number	: NA	NH ₂
CAT Number	: CP-A165030	
Molecular Formula	: C18H18BrN5O2	Br
Molecular Weight	: 416.3	

Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical) **Approved By**

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.