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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Acalabrutinib Impurity 33

Identification:

Chemical Name: 4-(8-Amino-3-(3,4-dihydro-2H-pyrrol-5-yl)imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl)benzamide

Synonyms	: NA	
CAS Number	: 2230757-49-8	● NH
CAT Number	: CP-A165040	NH ₂
Molecular Formula	: C22H19N7O	N N N
Molecular Weight	: 397.4	

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)	1HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe (Quality Control) Approved By

Ms Rohini Gagare (Quality Assurance)

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