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CERTIFICATE OF ANALYSIS

Analysis Date:

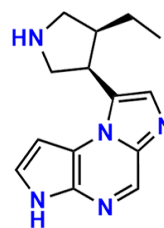
Re-test Date:

Product Name: Upadacitinib Impurity 21

Identification:

Chemical Name: 8-((3R,4S)-4-Ethylpyrrolidin-3-yl)-3H-imidazo[1,2-a]pyrrolo[2,3-e]pyrazine

Synonyms : NA
CAS Number : 1708997-43-6
CAT Number : CP-U22059
Molecular Formula : C₁₄H₁₇N₅
Molecular Weight : 255.30



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.