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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Upadacitinib Impurity 23

## Identification:

Chemical Name: Bis(5-tosyl-5H-pyrrolo[2,3-b]pyrazin-2-yl)amine

Synonyms	: NA	- N. N. N
CAS Number	: NA	
CAT Number	: CP-U22064	
Molecular Formula	: C26H21N7O4S2	
Molecular Weight	: 559.6	

## **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.