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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Tofacitinib Impurity 48**

### Identification:

Chemical Name: N-((3R,4R)-1-benzyl-4-methylpiperidin-3-yl)-N,7-dimethyl-7H-pyrrolo[2,3-d]pyrimidin-4-amine

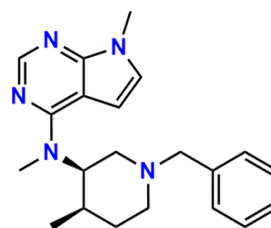
Synonyms : NA

CAS Number : NA

CAT Number : CP-T23158

Molecular Formula : C<sub>21</sub>H<sub>27</sub>N<sub>5</sub>

Molecular Weight : 349.48



### 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.