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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Tofacitinib Impurity J**

### Identification:

Chemical Name: (3R,4S)-1-benzyl-N,4-dimethylpiperidin-3-amine dihydrochloride

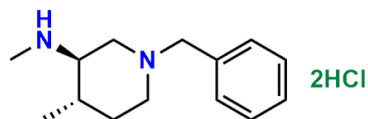
Synonyms : NA

CAS Number : NA

CAT Number : CP-T23003

Molecular Formula : C<sub>14</sub>H<sub>22</sub>N<sub>2</sub> : 2(HCl)

Molecular Weight : 218.3 : 2(36.46)



### 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)	<sup>1</sup> HNMR	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.