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## CERTIFICATE OF ANALYSIS

Analysis Date:

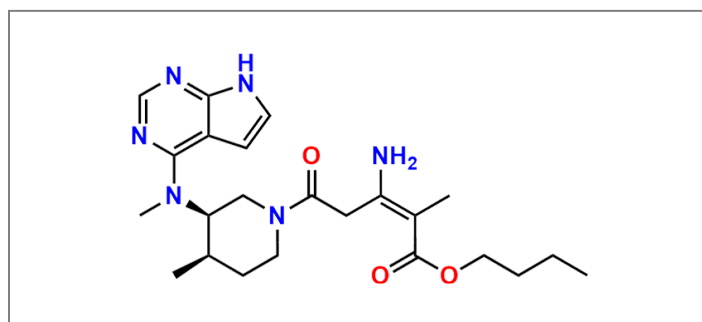
Re-test Date:

**Product Name: Tofacitinib Impurity 32**

### Identification:

Chemical Name: Butyl (2E)-3-amino-2-methyl-5-[(3R,4R)-4-methyl-3-[methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)]amino]piperidin-1-yl]-5-oxopent-2-enoate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T23179  
Molecular Formula : C<sub>23</sub>H<sub>34</sub>N<sub>6</sub>O<sub>3</sub>  
Molecular Weight : 442.6



### 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)	<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.