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## CERTIFICATE OF ANALYSIS

Analysis Date:

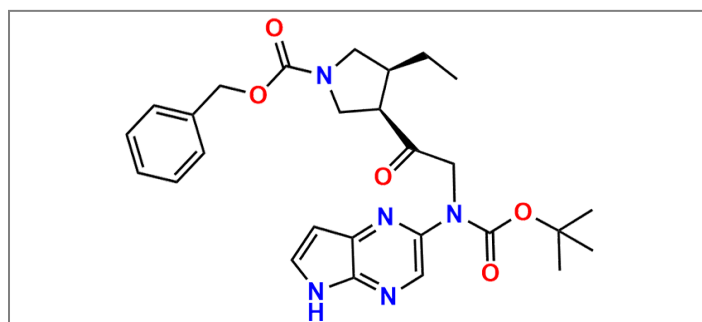
Re-test Date:

**Product Name: Upadacitinib Impurity 60**

### Identification:

Chemical Name: benzyl (3R,4S)-3-(N-(tert-butoxycarbonyl)-N-(5H-pyrrolo[2,3-b]pyrazin-2-yl)glycyl)-4-ethylpyrrolidine-1-carboxylate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-U22024  
Molecular Formula : C<sub>27</sub>H<sub>33</sub>N<sub>5</sub>O<sub>5</sub>  
Molecular Weight : 507.59



### 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.