

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

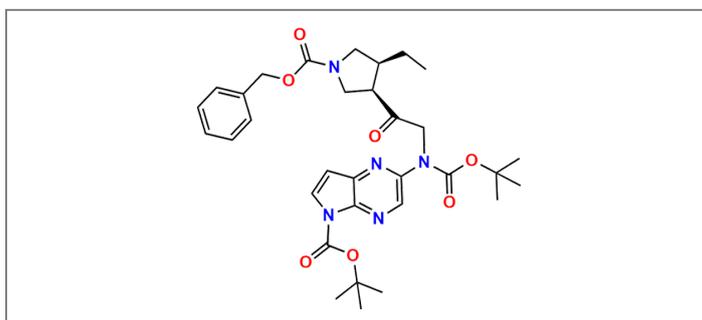
Re-test Date:

**Product Name: Upadacitinib Impurity 12**

### Identification:

Chemical Name: tert-butyl 2-((2-((3R,4S)-1-((benzyloxy)carbonyl)-4-ethylpyrrolidin-3-yl)-2-oxoethyl)(tert-butoxycarbonyl)amino)-5H-pyrrolo[2,3-b]pyrazine-5-carboxylate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-U22022  
Molecular Formula : C32H41N5O7  
Molecular Weight : 607.71



### 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.