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## CERTIFICATE OF ANALYSIS

Analysis Date:

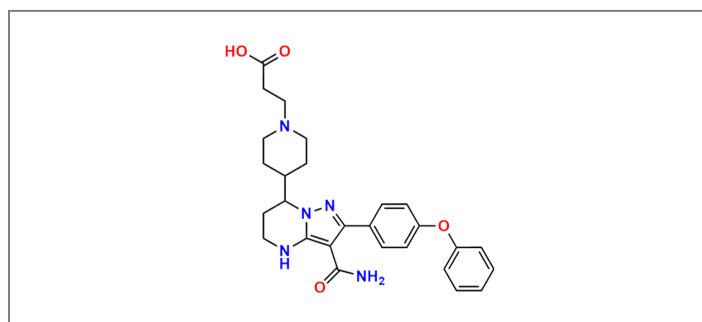
Re-test Date:

**Product Name: Zanubrutinib Amino Acid Impurity**

### Identification:

Chemical Name: 3-(4-(3-Carbamoyl-2-(4-phenoxyphenyl)-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidin-7-yl)piperidin-1-yl)propanoic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-Z12023  
Molecular Formula : C<sub>27</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight : 489.6



### 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.