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## CERTIFICATE OF ANALYSIS

Analysis Date:

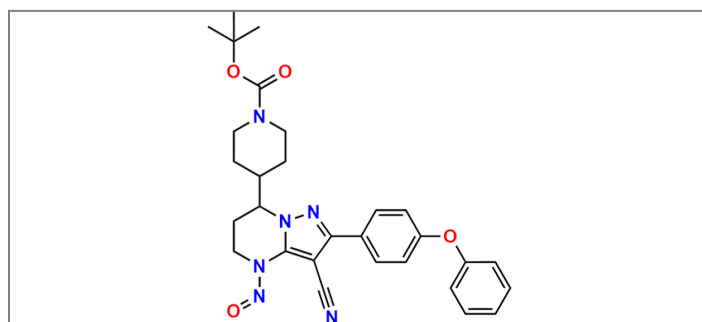
Re-test Date:

**Product Name: N-Nitroso Zanubrutinib Impurity 11**

### Identification:

Chemical Name: tert-butyl 4-(3-cyano-4-nitroso-2-(4-phenoxyphenyl)-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidin-7-yl)piperidine-1-carboxylate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-Z12013  
Molecular Formula : C<sub>29</sub>H<sub>32</sub>N<sub>6</sub>O<sub>4</sub>  
Molecular Weight : 528.61



### 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.