

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: Nov 2024

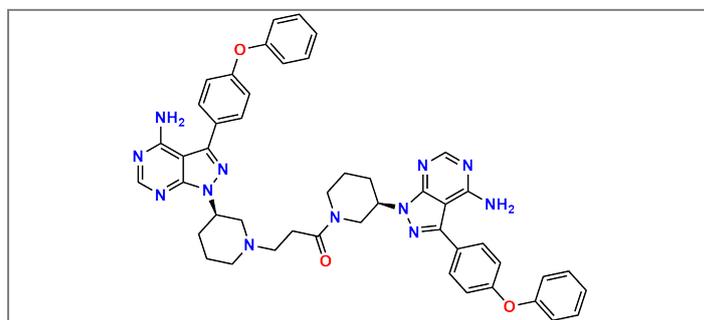
Re-test Date: Oct 2027

**Product Name: Ibrutinib Impurity 10**

### Identification:

Chemical Name: 1,3-bis((R)-3-(4-Amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)piperidin-1-yl)propan-1-one

Synonyms : NA  
CAS Number : 1987905-93-0  
CAT Number : CP-I20029  
Molecular Formula : C<sub>47</sub>H<sub>46</sub>N<sub>12</sub>O<sub>3</sub>  
Molecular Weight : 826.97  
Batch Number : CP-IBR-10-1124  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Gray Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	94.76 %
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	2.032%
7)	Potency by TGA	92.72%



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.