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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

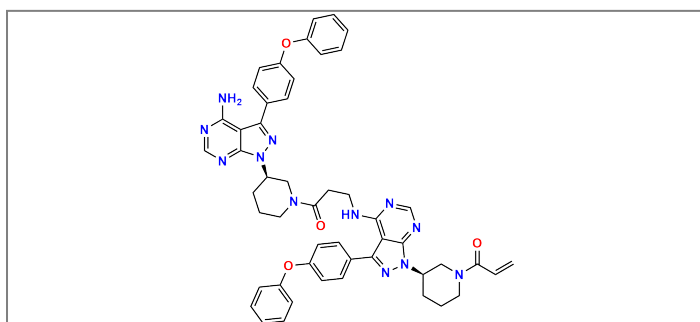
Re-test Date: Oct 2027

Product Name: Ibrutinib Dimer Impurity 1

Identification:

Chemical Name: 1-((R)-3-(4-((R)-3-(4-Amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)piperidin-1-yl)-3-oxopropyl)amino)-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)piperidin-1-yl)prop-2-en-1-one

Synonyms : NA
CAS Number : 2031255-23-7
CAT Number : CP-I20020
Molecular Formula : C₅₀H₄₈N₁₂O₄
Molecular Weight : 881.01
Batch Number : CP-IBR-DIM1-1124
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	White Solid
2)	Solubility	Methanol, DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	91.13 %
5)	H1NMR	Confirm to Structure
6)	IR	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.