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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Dihydrodiol Ibrutinib

Identification:

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

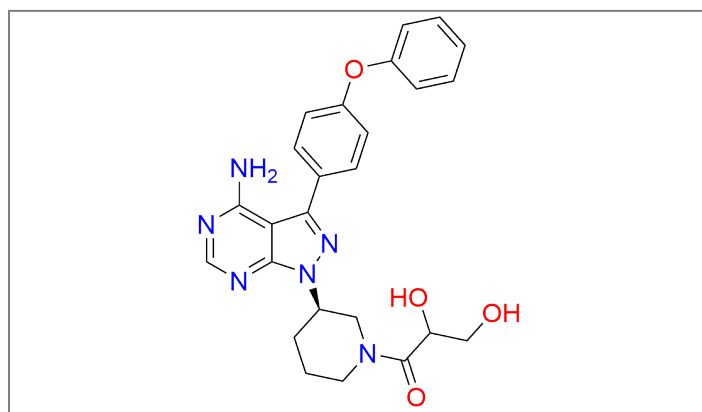
Synonyms : Ibrutinib M37 R-Isomer ;
Ibrutinib Dihydrodiol R-Isomer

CAS Number : 1654820-87-7

CAT Number : CP-I20003

Molecular Formula : C₂₅H₂₆N₆O₄

Molecular Weight : 474.52



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.