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CERTIFICATE OF ANALYSIS

Analysis Date:

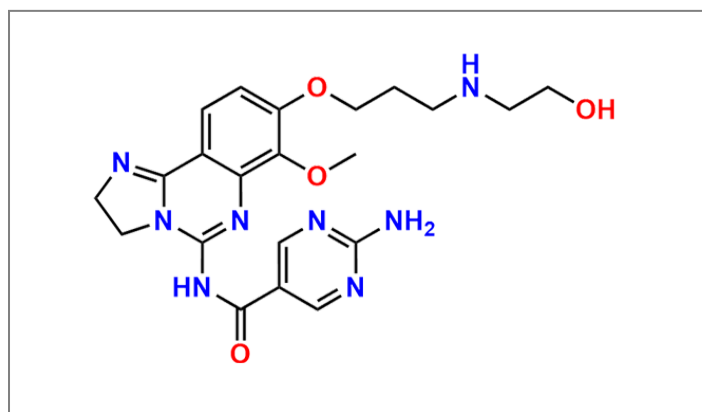
Re-test Date:

Product Name: Copanlisib impurity B

Identification:

Chemical Name: 2-Amino-N-(8-(3-((2-hydroxyethyl)amino)propoxy)-7-methoxy-2,3-dihydroimidazo[1,2-c]quinazolin-5-yl)pyrimidine-5-carboxamide

Synonyms : NA
CAS Number : 2132943-81-6
CAT Number : CP-C241002
Molecular Formula : C₂₁H₂₆N₈O₄
Molecular Weight : 454.5



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.