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CERTIFICATE OF ANALYSIS

Analysis Date:

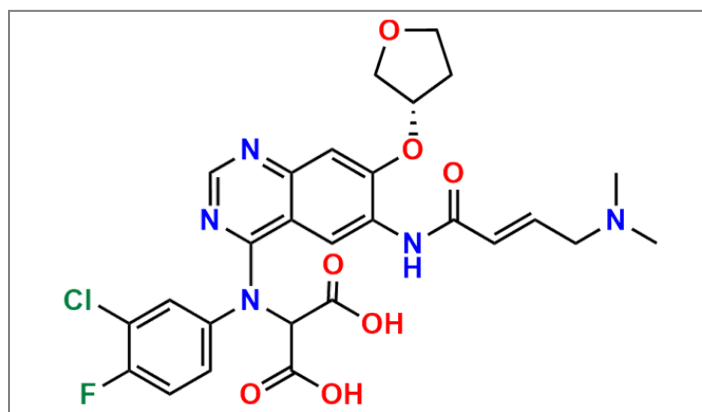
Re-test Date:

Product Name: Afatinib Impurity 22

Identification:

Chemical Name: (S,E)-2-((3-chloro-4-fluorophenyl)(6-(4-(dimethylamino)but-2-enamido)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-4-yl)amino)malonic acid

Synonyms : NA
CAS Number : 2413212-27-6
CAT Number : CP-A50063
Molecular Formula : C₂₇H₂₇ClF₂N₅O₇
Molecular Weight : 587.99



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.