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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Afatinib Impurity 12

Identification:

Chemical Name: (S,E)-N-(4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)-4-hydroxybut-2-enamide

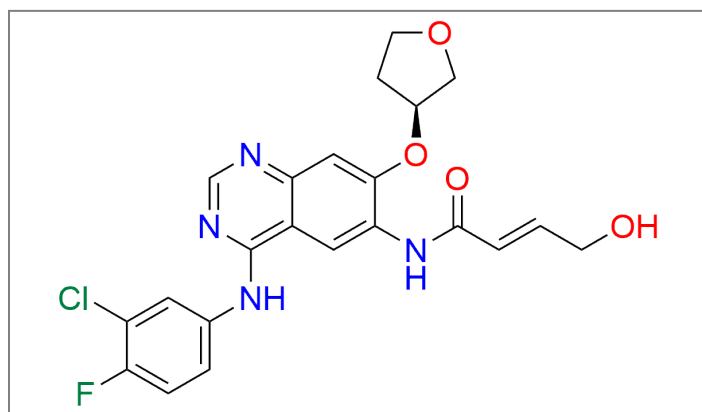
Synonyms : 4-Hydroxy 4-Dedimethylamino
Afatinib

CAS Number : 2121530-37-6

CAT Number : CP-A50012

Molecular Formula : C₂₂H₂₀ClFN₄O₄

Molecular Weight : 458.87



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.