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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Afatinib Impurity 4**

### Identification:

Chemical Name: N-(3,4-Dichlorophenyl)-7-fluoro-6-nitroquinazolin-4-amine

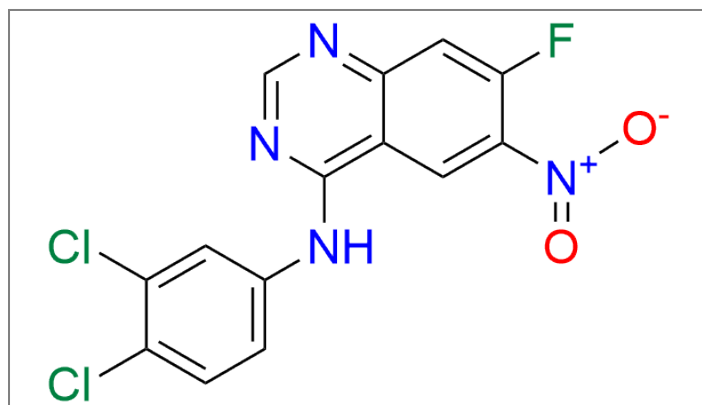
Synonyms : Afatinib Impurity

CAS Number : 2512206-82-3

CAT Number : CP-A50014

Molecular Formula : C<sub>14</sub>H<sub>7</sub>Cl<sub>2</sub>FN<sub>4</sub>O<sub>2</sub>

Molecular Weight : 353.14



### 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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.