Certificate Of Analysis

Analysis Date: 12-05-2025 **Re-test Date:** 12-05-2028

AFATINIB IMPURITY 4

Identification

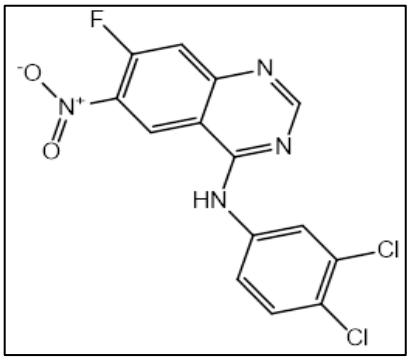
Chemical Name : N-(3,4-Dichlorophenyl)-7-fluoro-6-nitroquinazolin-4-amine

CAT No : ALL-A07962

CAS No : 2512206-82-3

Molecular Formula : C14H7Cl2FN4O2

Molecular Weight : 353.1



Analytical Information

Batch Code	: ALL-A07962	**HPLC Purity**	: 98.08%
Solubility	: MeOH: ACN	**Potency**	: 96.32%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.873%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.914%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.873+0.914) × 98.08]/100 = 96.32%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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