Certificate Of Analysis

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

AFATINIB IMPURITY 5

Identification

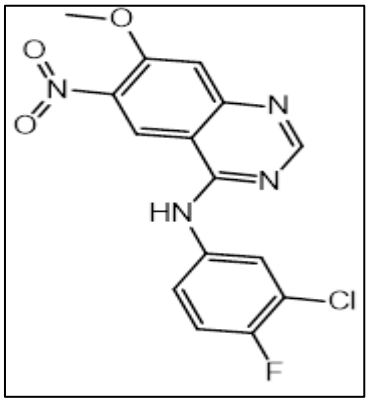
Chemical Name : N-(3-Chloro-4-fluorophenyl)-7-methoxy-6-nitro-4-quinazolinamine

CAT No : ALL-A07989

CAS No : 179552-74-0

Molecular Formula : C15H10ClFN4O3

Molecular Weight : 348.7



Analytical Information

Batch Code	: ALL-A07989	**HPLC Purity**	: 98.08%
Solubility	: MeOH: ACN	**Potency**	: 96.76%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.705%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.639%		

Additional Information

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

[100 – (0.705+0.639) × 98.08]/100 = 96.76%

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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