Certificate Of Analysis

Analysis Date: 10-05-2025 **Re-test Date:** 10-05-2028

AFATINIB IMPURITY 17

Identification

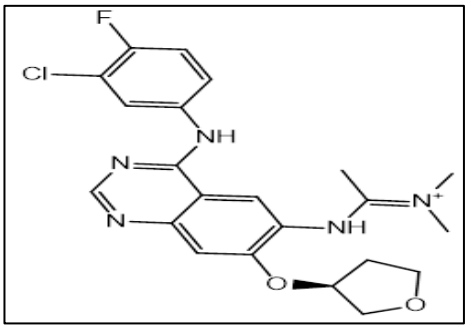
Chemical Name : (S)-N-(1-((4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)amino)ethylidene)-N-methylmethanaminium

CAT No : ALL-A07974

CAS No : N.A

Molecular Formula : C21H22ClFN5O2

Molecular Weight : 430.9



Analytical Information

Batch Code	: ALL-A07974	**HPLC Purity**	: 98.05%
Solubility	: MeOH: ACN	**Potency**	: 96.67%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.618%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.784%		

Additional Information

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

[100 – (0.618+0.784) × 98.05]/100 = 96.67%

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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