

Analysis Date: 13-05-2025

Re-test Date: 13-05-2028

AFATINIB N-OXIDE

Identification

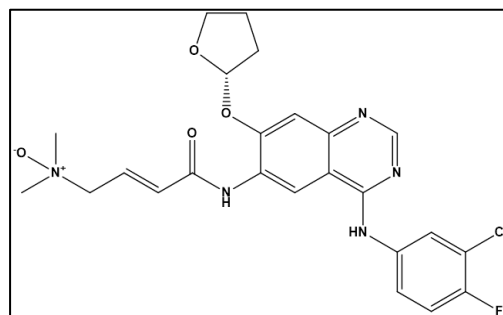
Chemical Name : (S,E)-4-((4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-2-yl)oxy)quinazolin-6-yl)amino)-N,N-dimethyl-4-oxobut-2-en-1-amine Oxide

CAT No : ALL-AFA-2

CAS No : N.A.

Molecular Formula : C₂₄H₂₅ClFN₅O₄

Molecular Weight : 501.94



Analytical Information

Batch Code	: ALL-A07999	HPLC Purity	: 98.07%
Solubility	: MeOH: ACN	Potency	: 95.95%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 1.315 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.841%		

Additional Information

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

[100 - (1.315+0.841× 98.07)]/100 = 95.95%

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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