



SYNCHEMIA RESEARCH CHEMICAL

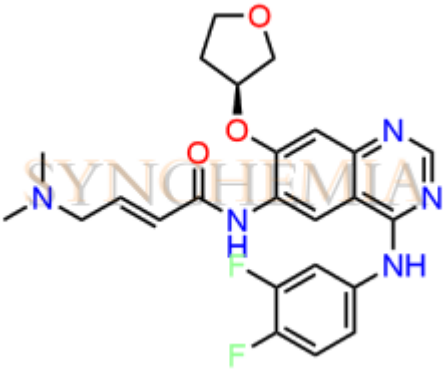
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CERTIFICATE OF ANALYSIS

Product Name	: Afatinib Impurity F	
CAS NO	: 2223677-62-9	
Batch No	: NA	
Date of Analysis	: NA	
Retest Date	: NA	
Structure	: 	
Chemical Name	: (S,E)-N-(4-((3,4-difluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)-4-(dimethylamino)but-2-enamide	
Molecular Formula	: C ₂₄ H ₂₅ F ₂ N ₅ O ₃	
Molecular Weight	: 469.5g/mole	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	DMSO,METHANOL
3)	Identification 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	Purity by HPLC	NA
Long Term Storage Condition 2-8 degrees Celsius		

Prepared and Reviewed By



Ms Ashwini Gaikwad
(QC DEPARTMENT)

Approved By



Ms Komal Kapase
(QA DEPARTMENT)



Note: This is only for Analytical testing purpose, not for Human or Animal Consumption