



SYNCHEMIA RESEARCH CHEMICAL

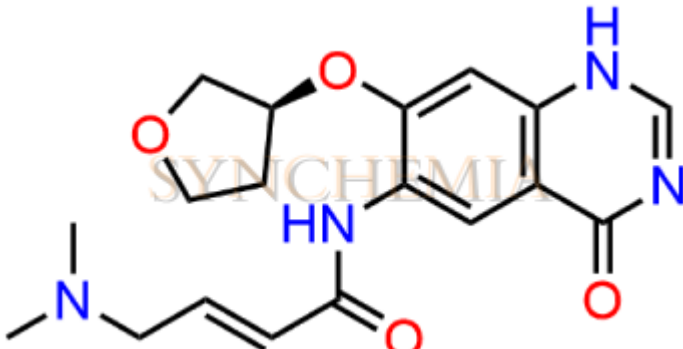
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CERTIFICATE OF ANALYSIS

| Product Name | : Afatinib Impurity J | |
|--|---|--|
| CAS NO | : 1456696-14-2 | |
| Batch No | : NA | |
| Date of Analysis | : NA | |
| Retest Date | : NA | |
| Structure | :  | |
| Chemical Name | : (S,E)-4-(Dimethylamino)-N-(4-oxo-7-((tetrahydrofuran-3-yl)oxy)-1,4-dihydroquinazolin-6-yl)but-2-enamide | |
| Molecular Formula | : C ₁₈ H ₂₂ N ₄ O ₄ | |
| Molecular Weight | : 358.4g/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