



## SYNCHEMIA RESEARCH CHEMICAL

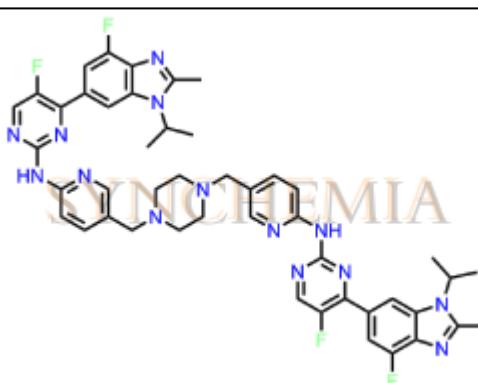
Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

Website: [www.synchemia.com](http://www.synchemia.com)

Email: [info@synchemia.com](mailto:info@synchemia.com) | [sales@synchemia.com](mailto:sales@synchemia.com) | [export@synchemia.com](mailto:export@synchemia.com)

### CERTIFICATE OF ANALYSIS

| <b>Product Name</b>                                    | : Abemaciclib Impurity 15   |  |
|--|---|--|
| <b>CAS NO</b>  | : NA  |  |
| <b>Batch No</b>  | : NA  |  |
| <b>Date of Analysis</b>                                | : NA  |  |
| <b>Retest Date</b>                                     | : NA  |  |
| <b>Structure</b>                                       | :<br>  |  |
| <b>Chemical Name</b>                                   | : N,N'-((piperazine-1,4-diylbis(methylene))bis(pyridine-5,2-diyl))bis(5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-amine) |  |
| <b>Molecular Formula</b>                               | : C <sub>46</sub> H <sub>46</sub> F <sub>4</sub> N <sub>14</sub>  |  |
| <b>Molecular Weight</b>                                | : 871 g/mole  |  |
| Sr. No.  | Test  | Result   |
| 1)   | <b>Description</b>  | NA   |
| 2)   | <b>Solubility</b>   | DMSO, METHANOL   |
| 3)   | <b>Identification</b><br>1.Mass<br>2.1H NMR<br>3.IR   | Confirm to structure<br>Confirm to structure<br>Confirm to structure |
| 4)   | <b>Purity by HPLC</b>   | NA   |
| <b>Long Term Storage Condition</b> 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