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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Abemaciclib Impurity 5**

### Identification:

Chemical Name: 4-Fluoro-6-(5-fluoropyrimidin-4-yl)-1-isopropyl-2-methyl-1H-benzo[d]imidazole

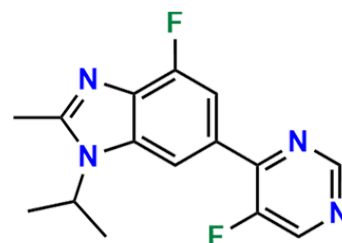
Synonyms : NA

CAS Number : NA

CAT Number : CP-A97017

Molecular Formula : C<sub>15</sub>H<sub>14</sub>F<sub>2</sub>N<sub>4</sub>

Molecular Weight : 288.3



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.