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## CERTIFICATE OF ANALYSIS

Analysis Date:

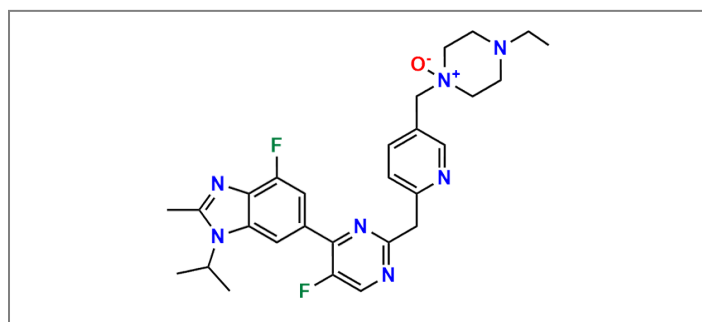
Re-test Date:

**Product Name: Abemaciclib Impurity 17**

### Identification:

Chemical Name: 4-Ethyl-1-((6-((5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-yl)methyl)pyridin-3-yl)methyl)piperazine 1-oxide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A97025  
Molecular Formula : C<sub>28</sub>H<sub>33</sub>F<sub>2</sub>N<sub>7</sub>O  
Molecular Weight : 521.6



### 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



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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