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## CERTIFICATE OF ANALYSIS

Analysis Date:

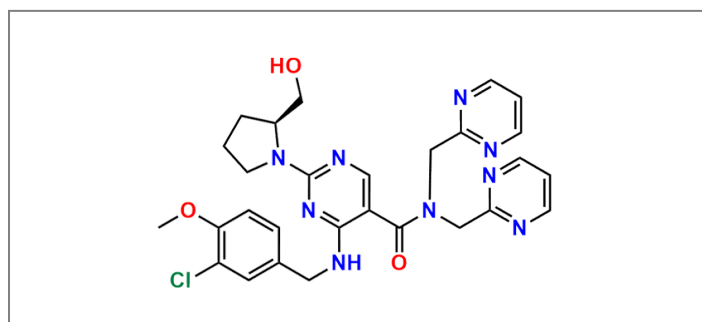
Re-test Date:

**Product Name: Avanafil Impurity 12**

### Identification:

Chemical Name: (S)-4-((3-Chloro-4-methoxybenzyl)amino)-2-(2-(hydroxymethyl)pyrrolidin-1-yl)-N,N-bis(pyrimidin-2-ylmethyl)pyrimidine-5-carboxamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A84054  
Molecular Formula : C<sub>28</sub>H<sub>30</sub>CIN<sub>9</sub>O<sub>3</sub>  
Molecular Weight : 576.1



### 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.