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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

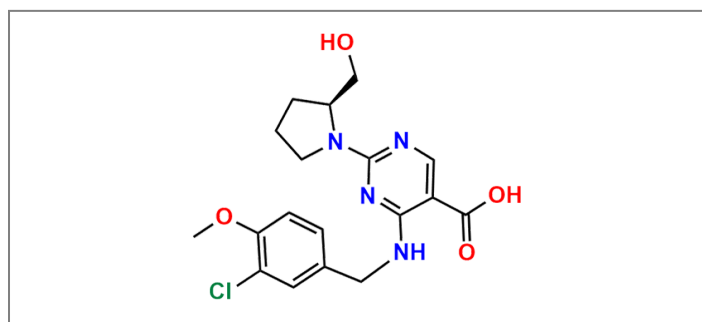
Re-test Date: Sep 2027

**Product Name: Avanafil Acid Impurity**

### Identification:

Chemical Name: (S)-4-((3-Chloro-4-methoxybenzyl)amino)-2-(2-(hydroxymethyl)pyrrolidin-1-yl)pyrimidine-5-carboxylic acid

Synonyms : NA  
CAS Number : 330785-84-7  
CAT Number : CP-A84031  
Molecular Formula : C<sub>18</sub>H<sub>21</sub>ClN<sub>4</sub>O<sub>4</sub>  
Molecular Weight : 392.84  
Batch Number : CP-AVA-ACI-1024  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.09%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.43%
8)	Potency by TGA	97.66%



**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.