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### CERTIFICATE OF ANALYSIS

Analysis Date:

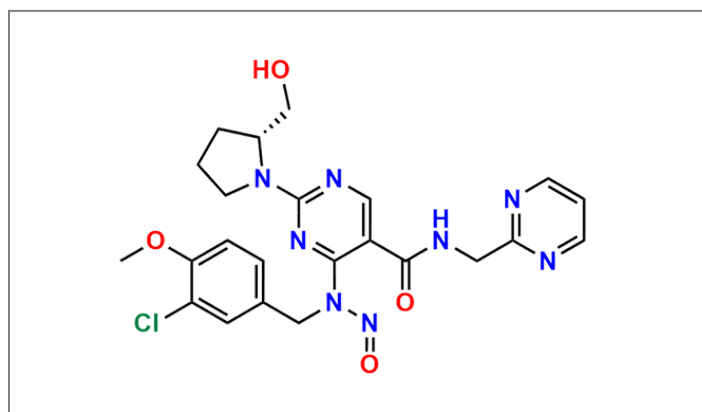
Re-test Date:

**Product Name: N-Nitroso Avanafil Impurity 1**

#### Identification:

Chemical Name: (R)-4-((3-chloro-4-methoxybenzyl)(nitroso)amino)-2-(2-(hydroxymethyl)pyrrolidin-1-yl)-N-(pyrimidin-2-ylmethyl)pyrimidine-5-carboxamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A84002  
Molecular Formula : C<sub>23</sub>H<sub>25</sub>ClN<sub>8</sub>O<sub>4</sub>  
Molecular Weight : 512.95



#### 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.