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## CERTIFICATE OF ANALYSIS

Analysis Date:

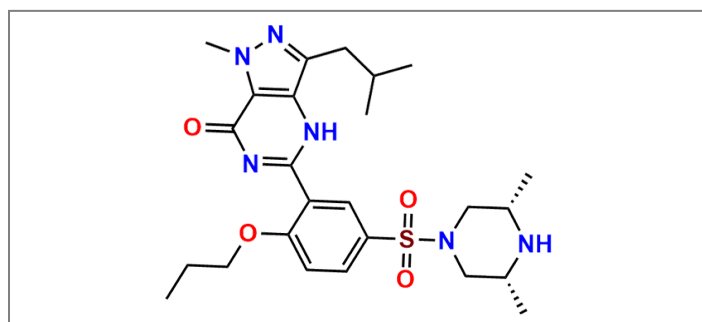
Re-test Date:

**Product Name: Sildenafil Impurity 17**

### Identification:

Chemical Name: 5-(5-(((3R,5S)-3,5-dimethylpiperazin-1-yl)sulfonyl)-2-propoxyphenyl)-3-isobutyl-1-methyl-1,4-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one

Synonyms : NA  
CAS Number : 1621873-33-3  
CAT Number : CP-S2152  
Molecular Formula : C<sub>25</sub>H<sub>36</sub>N<sub>6</sub>O<sub>4</sub>S  
Molecular Weight : 516.66



### 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.