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## CERTIFICATE OF ANALYSIS

Analysis Date:

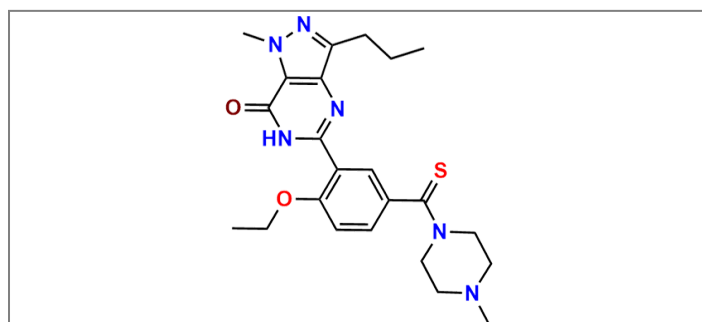
Re-test Date:

**Product Name: Sildenafil Impurity 53**

### Identification:

Chemical Name: 5-(2-ethoxy-5-(4-methylpiperazine-1-carbonothioyl)phenyl)-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one

Synonyms : NA  
CAS Number : 1786437-29-3  
CAT Number : CP-S2116  
Molecular Formula : C<sub>23</sub>H<sub>30</sub>N<sub>6</sub>O<sub>2</sub>S  
Molecular Weight : 454.59



### 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.