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## CERTIFICATE OF ANALYSIS

Analysis Date:

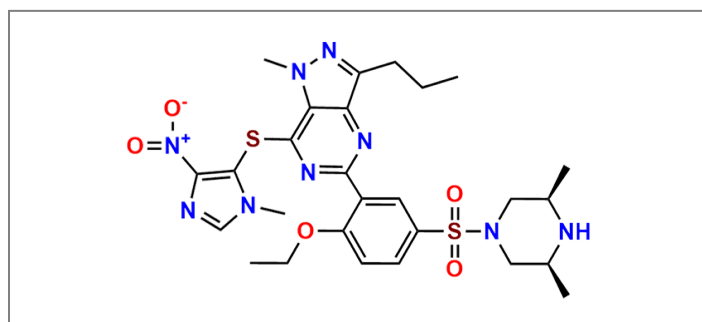
Re-test Date:

**Product Name: Mutaprodenafil**

### Identification:

Chemical Name: 5-(5-(((3R,5S)-3,5-dimethylpiperazin-1-yl)sulfonyl)-2-ethoxyphenyl)-1-methyl-7-((1-methyl-4-nitro-1H-imidazol-5-yl)thio)-3-propyl-1H-pyrazolo[4,3-d]pyrimidine

Synonyms : NA  
CAS Number : 1387577-30-1  
CAT Number : CP-S2148  
Molecular Formula : C<sub>27</sub>H<sub>35</sub>N<sub>9</sub>O<sub>5</sub>S<sub>2</sub>  
Molecular Weight : 629.76



### 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.