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## CERTIFICATE OF ANALYSIS

Analysis Date:

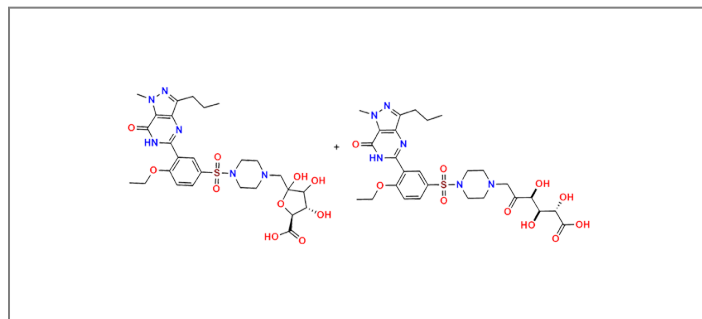
Re-test Date:

**Product Name: N-Desmethyl Sildenafil N-Glucuronide Amadori Rearrangement Impurity**

### Identification:

Chemical Name: (2S,3S)-5-((4-((4-ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)phenyl)sulfonyl)piperazin-1-yl)methyl)-3,4,5-trihydroxytetrahydrofuran-2-carboxylic acid (2S,3S,4S)-6-(4-((4-ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)phenyl)sulfonyl)piperazin-1-yl)-2,3,4-trihydroxy-5-oxohexanoic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-S2153  
Molecular Formula : C<sub>27</sub>H<sub>36</sub>N<sub>6</sub>O<sub>10</sub>S  
Molecular Weight : 636.68



### 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.