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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: N-Nitroso Vardenafil Related Compound E**

### Identification:

Chemical Name: 2-(2-Ethoxy-5-((4-nitrosopiperazin-1-yl)sulfonyl)phenyl)-5-methyl-7-propylimidazo[5,1-f][1,2,4]triazin-4(1H)-one

Synonyms : N-Nitroso N-Desethyl Vardenafil  
Impurity

CAS Number : NA

CAT Number : CP-V28049

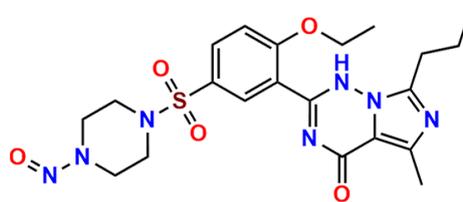
Molecular Formula : C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>5</sub>S

Molecular Weight : 489.6

Batch Number : CP-30-116

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test               | Result                   |
|---------|--------------------|--------------------------|
| 1)      | Description        | White to Off White Solid |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity by HPLC     | 99.52%                   |
| 5)      | 1HNMR              | Confirm to Structure     |
| 6)      | Weight loss by TGA | 0.089 %                  |
| 7)      | Potency by TGA     | 99.43%                   |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.