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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

**Product Name: N-Nitroso Ranolazine USP Related Compound C**

### Identification:

Chemical Name: N-(2,6-dimethylphenyl)-2-(4-nitrosopiperazin-1-yl)acetamide

Synonyms : NA

CAS Number : NA

CAT Number : CP-R9013

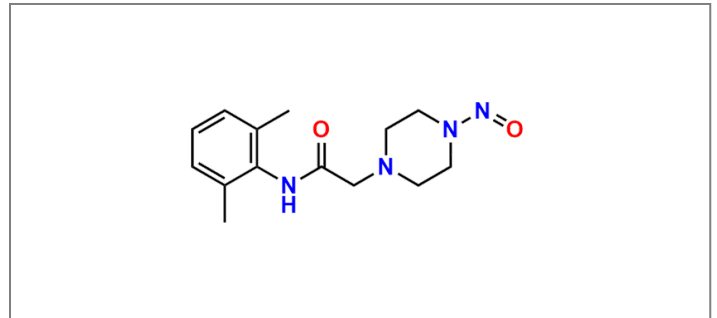
Molecular Formula : C<sub>14</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight : 276.34

Batch Number : CHEM-RAN-NI

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        | Off White to Light Brown Solid |
| 2)      | Solubility         | Soluble in Methanol/DMSO       |
| 3)      | MASS By LCMS       | Confirm to structure           |
| 4)      | Purity By HPLC     | 96.6%                          |
| 5)      | H1NMR              | Confirm to structure           |
| 6)      | 13CNMR             | Confirm to structure           |
| 7)      | Weight loss by TGA | 0.315%                         |
| 8)      | Potency by TGA     | 96.28%                         |



**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.