

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR009013-01)

Release Date: 26/09/2025

Re-test Date: 25/09/2028

## Nitroso Ranolazine II

### Identification

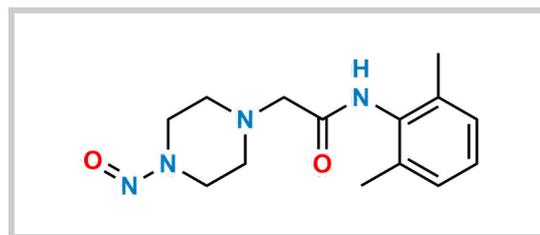
**Chemical Name :**  
N-(2,6-dimethylphenyl)-2-(4-nitrosopiperazin-1-yl)acetamide

**CAT No.** : KMR009013

**CAS No.** : Not Available

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

**Molecular Weight** : 276.3



### Analytical Information

**Batch No.** : PIP-ACE-N-NO-045-090

**Description** : Off White Solid

**HPLC Purity** : 99.53 %

**Weight Loss By TGA** : 0.49 %

**% Potency** : 99.04 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.49(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 99.04 %  
-Re-tested on 26.09.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/02/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA