

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR009044-01)

Release Date: 26/10/2024

Re-test Date: 25/10/2027

## Nitroso Ranolazine Impurity-1

### Identification

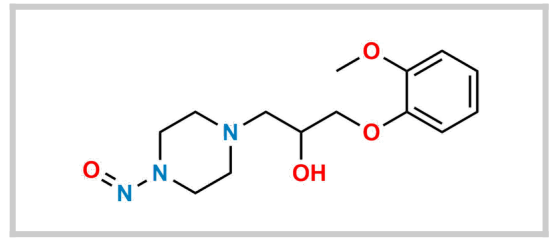
**Chemical Name :**  
1-(2-Methoxyphenoxy)-3-(4-nitrosopiperazin-1-yl)propan-2-ol

**CAT No. :** KMR009044

**CAS No. :** Not Available

**Molecular Formula :** C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub>

**Molecular Weight :** 295.3



### Analytical Information

**Batch No. :** R009044-091-007

**Description :** Brown Thick Syrup

**HPLC Purity :** 99.55 %

**Weight Loss By TGA :** 2.52 %

**% Potency :** 97.04 %

**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 =**  $[100 - 2.52(\text{Weight Loss By TGA})] \times [99.55(\text{HPLC Purity})]/100 = 97.04 \%$

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/01/2025

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