

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR009044-01)

Release Date: 26/10/2024

Re-test Date: 25/10/2027

## Nitroso Ranolazine Impurity-1

### Identification

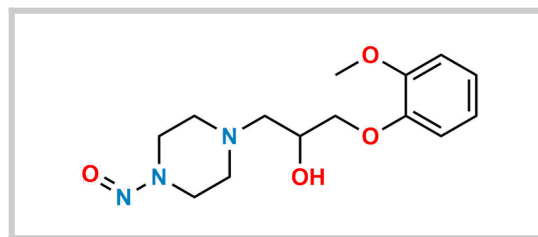
**Chemical Name :**  
1-(2-Methoxyphenoxy)-3-(4-nitrosopiperazin-1-yl)propan-2-ol

**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(Weight Loss By TGA)] x [99.55(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