

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP002013-01)

Release Date: 26/03/2025

Re-test Date: 25/03/2028

## N-NITROSO PROPANOLOL IMPURITY

### Identification

**Chemical Name :**

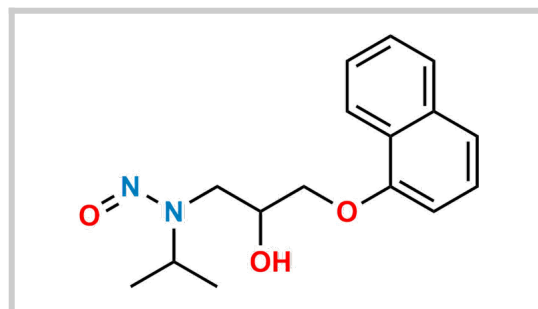
N-(2-hydroxy-3-(naphthalen-1-yloxy)propyl)-N-isopropylnitrous amide

CAT No. : KMP002013

CAS No. : 84418-35-9

Molecular Formula : C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 288.3



### Analytical Information

Batch No. : PRO-N-NO-019-381

Description : Off White Solid

HPLC Purity : 99.63 %

Weight Loss By TGA : 0.51 %

% Potency : 99.12 %

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 - 0.51(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 99.12 %

-Re-tested on 26.03.2025

-Mixture of Isomer

Recommendation : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 07/05/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 07/05/2025 |

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