

CERTIFICATE OF ANALYSIS

(Certificate No. KMC005001-01)

Release Date: 02/06/2025

Re-test Date: 01/06/2028

Carvedilol Nitroso Impurity

Identification

Chemical Name :

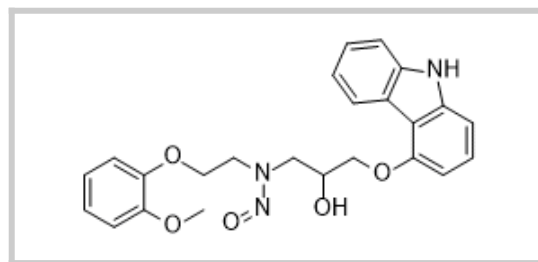
N-(3-((9H-carbazol-4-yl)oxy)-2-hydroxypropyl)-N-(2-(2-methoxyphenoxy)ethyl)nitrous amide

CAT No. : KMC005001

CAS No. : 2248746-67-8

Molecular Formula : C₂₄H₂₅N₃O₅

Molecular Weight : 435.47



Analytical Information

Batch No. : CARV-N-NO-030-135

Description : Yellow Solid

HPLC Purity : 99.08 %

Weight Loss By TGA : 0.76 %

% Potency : 98.33 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.76(Weight Loss By TGA)] x [99.08(HPLC Purity)]/100 = 98.33 %
-Re-tested on 02.06.2025

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 02/06/2025 |
| Reviewed & Approved By | Quality Control | Bhargav Kathiriya | | 02/06/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA