

CERTIFICATE OF ANALYSIS

(Certificate No. KMC005001-03)

Release Date: 18/11/2024

Re-test Date: 17/11/2027

N-Nitroso Carvedilol

Identification

Chemical Name :

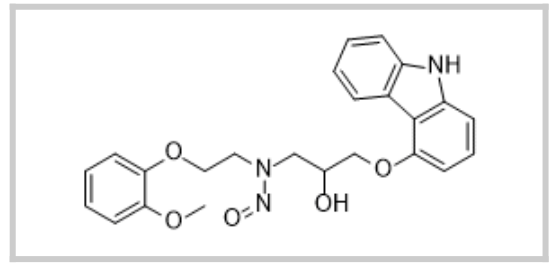
N-(3-((9H-carbazol-4-yl)oxy)-2-hydroxypropyl)-N-(2-(2-methoxyphenoxy)ethyl)nitrous amide

CAT No. : KMC005001

CAS No. : 2248746-67-8

Molecular Formula : C₂₄H₂₅N₃O₅

Molecular Weight : 435.47



Analytical Information

Batch No. : C005001-091-030

Description : Yellow Solid

HPLC Purity : 98.28 %

Weight Loss By TGA : 0.21 %

% Potency : 98.07 %

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 - 0.21(Weight Loss By TGA)] x [98.28(HPLC Purity)]/100 = 98.07 %
-Mixture of E/Z Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/11/2024

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA