

CERTIFICATE OF ANALYSIS

(Certificate No. KMN001005-01)

Release Date: 12/03/2024

Re-test Date: 11/03/2027

1-Cyclopentyl-4-nitrosopiperazine

Identification

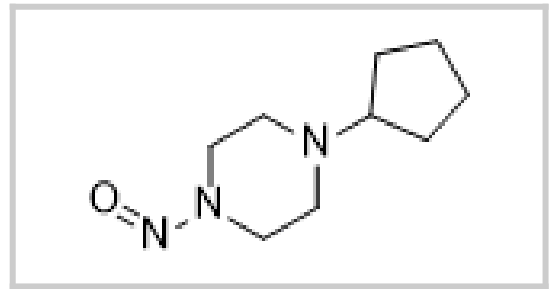
Chemical Name :
1-cyclopentyl-4-nitrosopiperazine

CAT No. : KMN001005

CAS No. : 61379-66-6

Molecular Formula : C₉H₁₇N₃O

Molecular Weight : 183.25



Analytical Information

Batch No. : CYC-PIP-N-NO-073-120

Description : Brown Liquid

HPLC Purity : 97.62 %

Weight Loss By TGA : 1.00 %

% Potency : 96.64 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H 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 = $[100 - 1.00(\text{Weight Loss By TGA})] \times [97.62(\text{HPLC Purity})]/100 = 96.64 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/03/2024

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