

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT016003-01)

Release Date: 08/01/2025

Re-test Date: 07/01/2028

## 1-(3-Methyl-1-phenyl-1H-pyrazol-5-yl)-4-nitrosopiperazine

### Identification

**Chemical Name :**

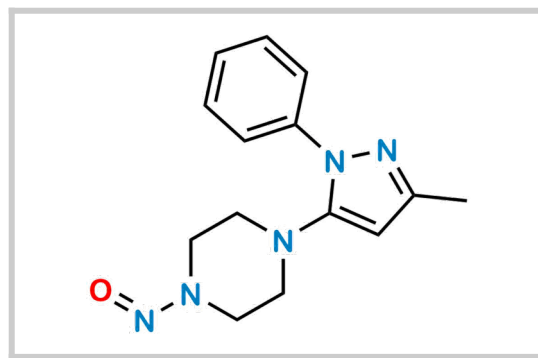
1-(3-Methyl-1-phenyl-1H-pyrazol-5-yl)-4-nitrosopiperazine

CAT No. : KMT016003

CAS No. : NA

Molecular Formula : C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O

Molecular Weight : 271.3



### Analytical Information

Batch No. : T016003-091-129

Description : Light Green Solid

HPLC Purity : 99.86 %

Weight Loss By TGA : 0.30 %

% Potency : 99.56 %

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 - 0.30(Weight Loss By TGA)] x [99.86(HPLC Purity)]/100 = 99.56 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/01/2025

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