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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: N-Nitroso Mirtazapine Impurity 2**

### Identification:

Chemical Name: 4-Methyl-1-nitroso-2-phenylpiperazine

Synonyms : NA

CAS Number : NA

CAT Number : CP-M49014

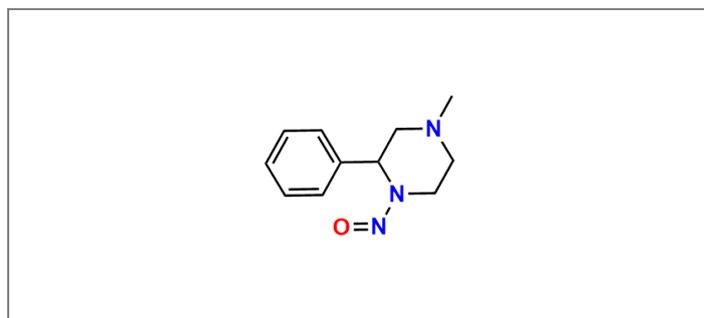
Molecular Formula : C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O

Molecular Weight : 205.26

Batch Number : CP-24-127

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Brown Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	91.89%
5)	<sup>13</sup> CNMR	Confirm to Structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.