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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

**Product Name: N-Nitroso N-Desmethyl Tramadol**

### Identification:

Chemical Name: N-((2-Hydroxy-2-(3-methoxyphenyl)cyclohexyl)methyl)-N-methylnitrous amide

Synonyms : NA

CAS Number : NA

CAT Number : CP-T28007

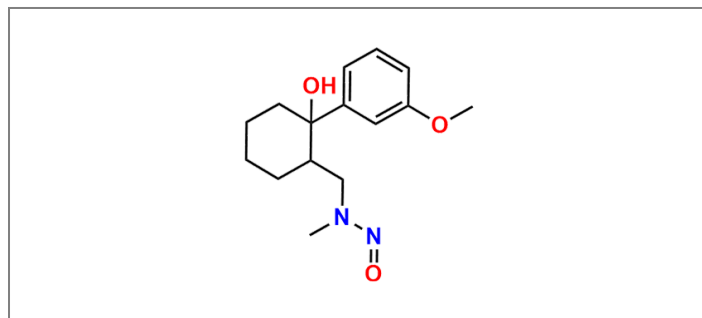
Molecular Formula : C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 278.35

Batch Number : CP-TRA-DMN-0225

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	Brown Liquid
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	Isomer-1=77.08 % (RT-12.066) Isomer-2=22.41 % (RT- 12.150) Total Purity=99.49 %
5)	H1NMR	Confirm to Structure
6)	Weight loss by TGA	7.248 %
7)	Potency by TGA	92.28 %



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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