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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: N-Nitroso Dextromethorphan EP Impurity A

Identification:

Chemical Name: (4bS,8aS,9S)-3-methoxy-11-nitroso-6,7,8,8a,9,10-hexahydro-5H-9,4b-(epiminoethano)phenanthrene

Synonyms : N-Nitroso N-Desmethyl
Dextromethorphan

CAS Number : NA

CAT Number : CP-D31006

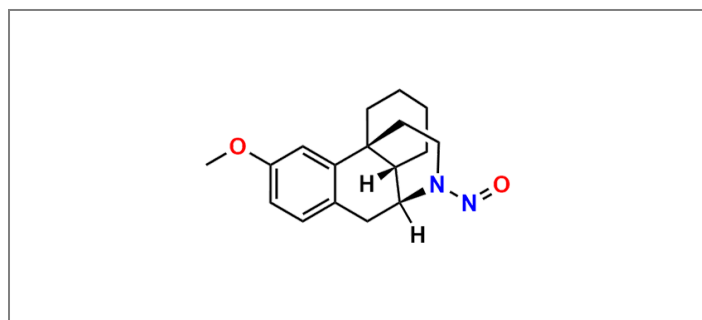
Molecular Formula : C₁₇H₂₂N₂O₂

Molecular Weight : 286.38

Batch Number : CP-DEX-DMN-0524

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	Yellow Sticky Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.4%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	5.132%
9)	Potency by TGA	94.29%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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