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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2025

**Product Name: Dextromethorphan EP Impurity A**

### Identification:

Chemical Name: Ent-3-methoxymorphinan (as per EP)

Synonyms : N-Desmethyl Dextromethorphan  
; N-Nordextromethorphan

CAS Number : 1531-23-3

CAT Number : CP-D31001

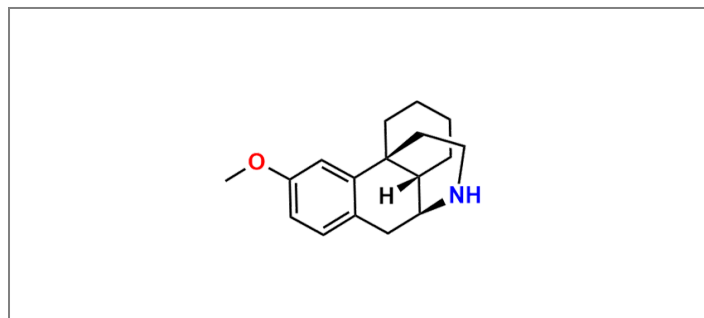
Molecular Formula : C<sub>17</sub>H<sub>23</sub>NO

Molecular Weight : 257.38

Batch Number : CP-DEX-A-0823

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.86%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**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.