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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: Dextromethorphan N-Oxide**

### Identification:

Chemical Name: (9a,13a,14a)-3-Methoxy-17-methylmorphinan 17-oxide hydrochloride

Synonyms : NA

CAS Number : 1177419-85-0

CAT Number : CP-D31014

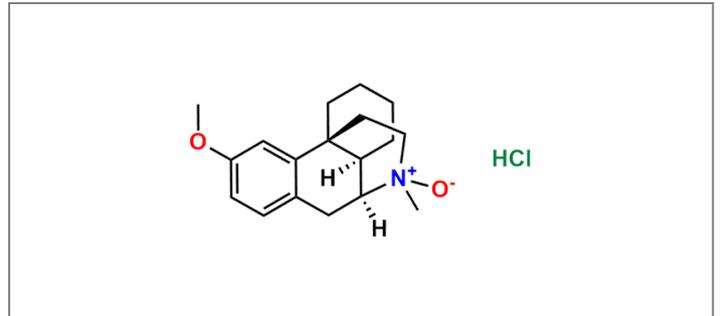
Molecular Formula : C<sub>18</sub>H<sub>25</sub>NO<sub>2</sub> : HCl

Molecular Weight : 287.40 : 36.5

Batch Number : CP-DEX-NO-0724

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 Thick Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.89%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	0.134%
8)	Potency by TGA	93.76%



**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.