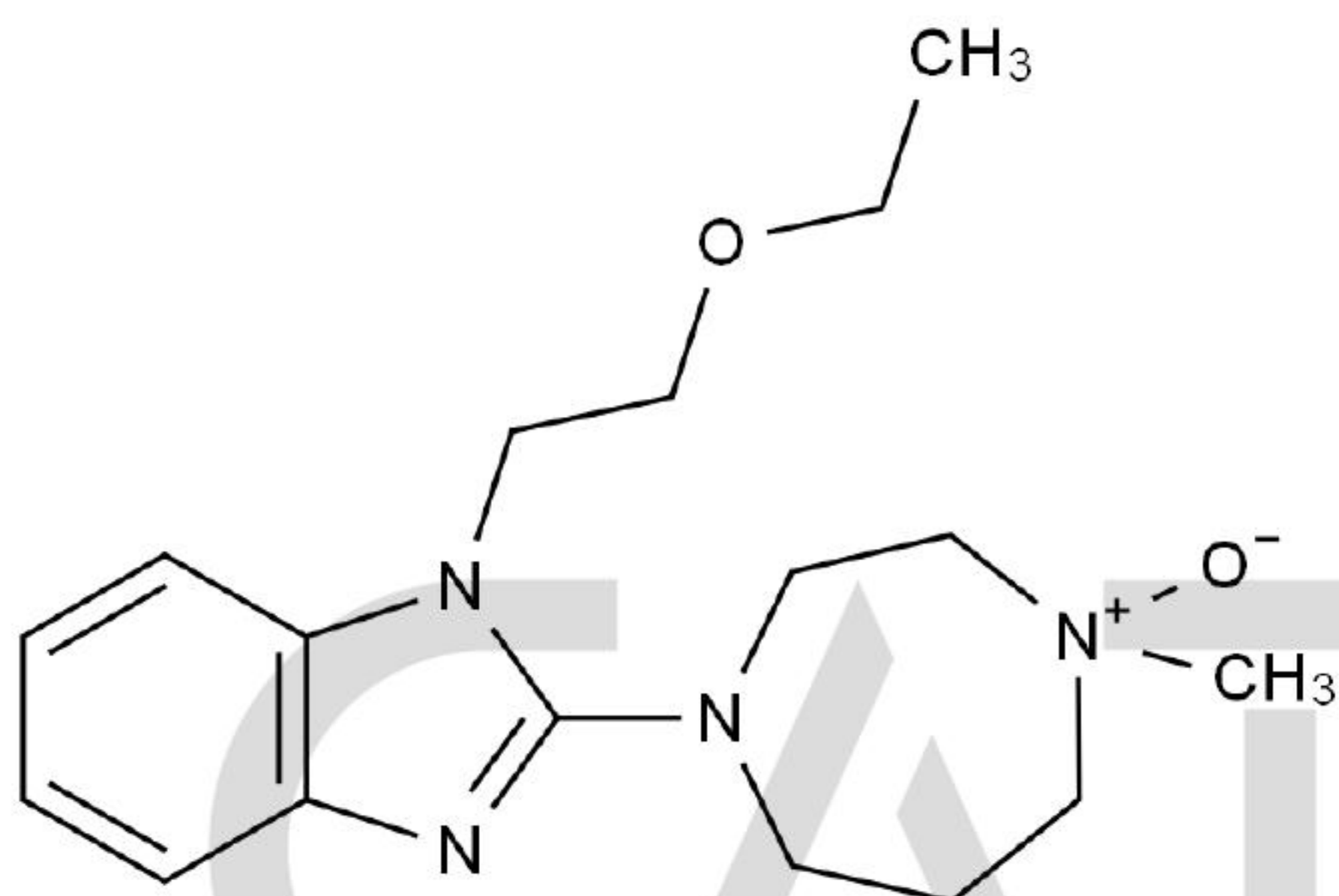


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Emedastine N-Oxide                                            | Catalogue Number: | C4X-22679                                 |
| Synonyms:          | N/A                                                           | Lot Number:       | 0729-RG-0009                              |
| CAS Number:        | 122484-65-5                                                   | Expiry Date:      | Jul 28, 2029                              |
| Molecular Formula: | C <sub>17</sub> H <sub>26</sub> N <sub>4</sub> O <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 318.41                                                        |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results             |
|----------------|-------------------|---------------------|
| Appearance     | Visual inspection | Brown Sticky Liquid |
| Identification | LCMS&HNMR         | Confirmed           |
| Purity         | HPLC              | 99.069%             |
| Loss On Drying | TGA               | 6.6191%             |
| Assay          |                   | 92.5%               |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jul 29, 2025

Date: Jul 29, 2025

Date: Jul 29, 2025

