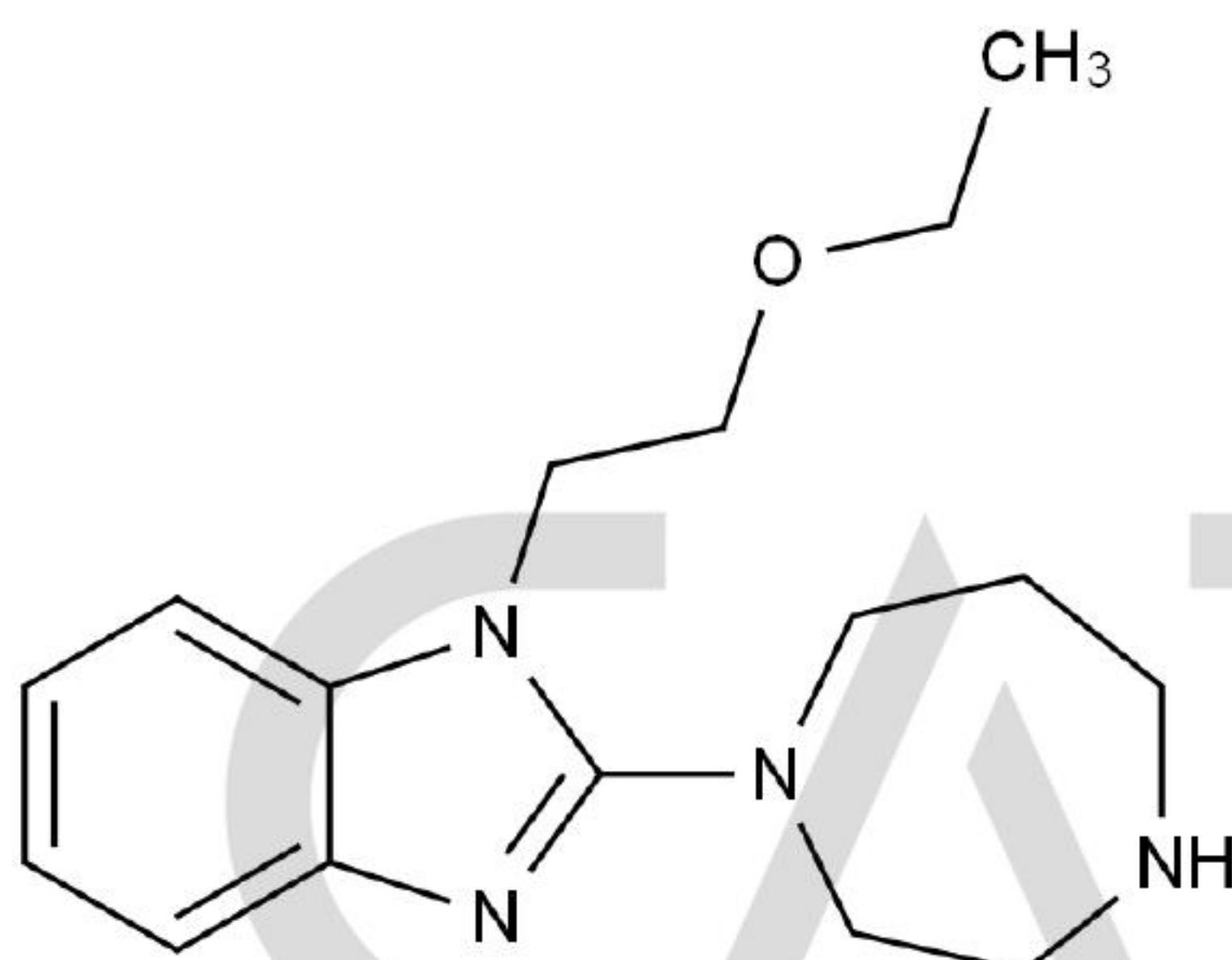


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                  |                            |                                           |
|---------------------------|--------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Emedastine EP Impurity E                         | <b>Catalogue Number:</b>   | C4X-22675                                 |
| <b>Synonyms:</b>          | N/A                                              | <b>Lot Number:</b>         | 0212-RH-0024                              |
| <b>CAS Number:</b>        | 101954-20-5                                      | <b>Expiry Date:</b>        | Feb 25, 2030                              |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>24</sub> N <sub>4</sub> O | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 288.39                                           | <b>Shipping Condition:</b> | Shipping at Room Temperature              |
| <b>Solubility:</b>        | Acetonitrile                                     |                            |                                           |

Chemical Structure:



| Test Items     | Method            | Results       |
|----------------|-------------------|---------------|
| Appearance     | Visual inspection | Yellow Liquid |
| Identification | LCMS&HNMR         | Confirmed     |
| Purity         | HPLC              | 99.582%       |
| Loss On Drying | TGA               | 4.0609%       |
| Assay          |                   | 95.5%         |

## Comment:

The calculation of the mass balance 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:

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Approved by General Manager:

*David*

Date: Feb 26, 2026

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Date: Feb 26, 2026



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