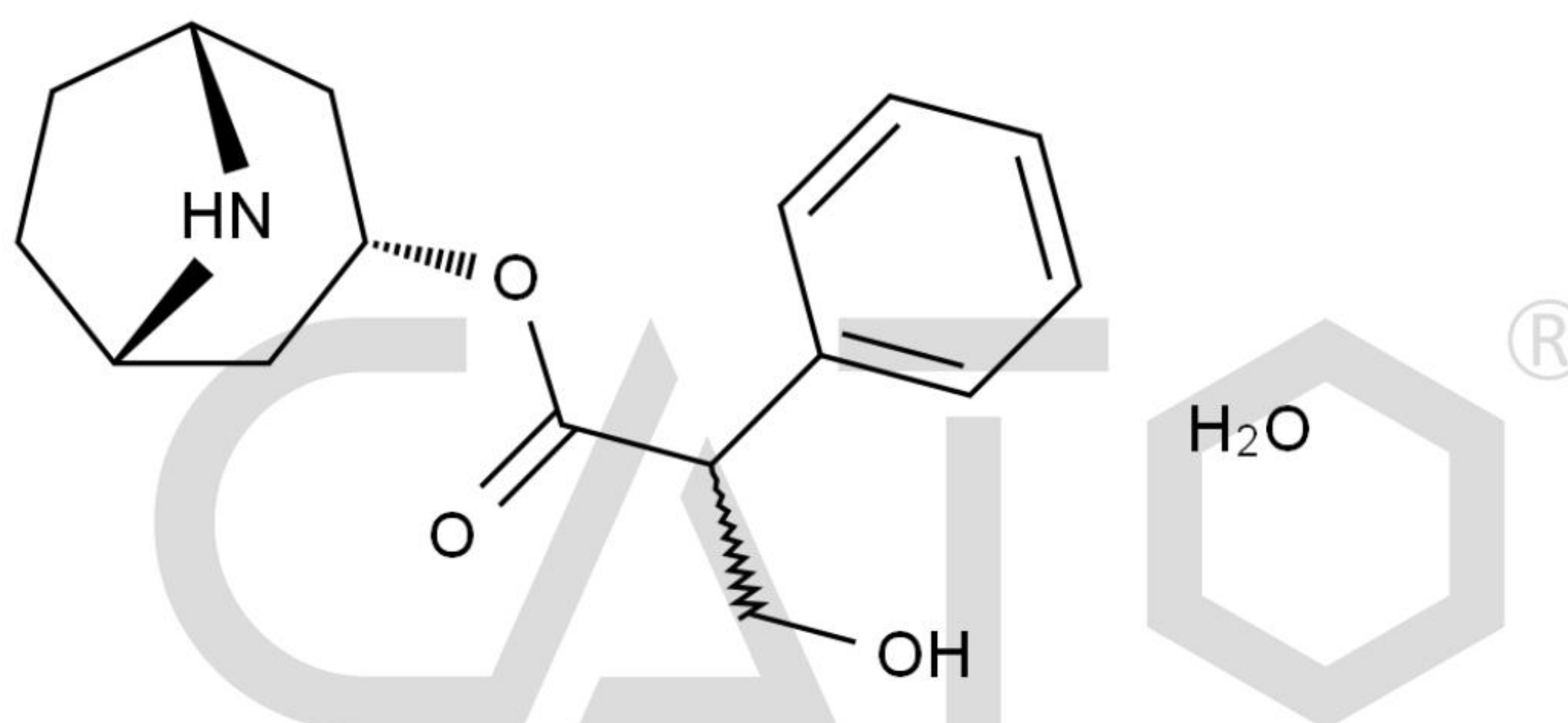


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                  |                          |                                           |
|---------------------------|------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Atropine EP Impurity<br>B(Noratropine)Hydrate                    | <b>Catalogue Number:</b> | C4X-148915                                |
| <b>Synonyms:</b>          | N/A                                                              | <b>Lot Number:</b>       | 0725-RD-0047                              |
| <b>CAS Number:</b>        | 16839-98-8(free base)                                            | <b>Expiry Date:</b>      | Jul 26, 2025                              |
| <b>Molecular Formula:</b> | C <sub>16</sub> H <sub>21</sub> NO <sub>3</sub> H <sub>2</sub> O | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 275.34 18.02                                                     |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | White Powder |
| Identification | LCMS&CNMR&HNMR    | Confirmed    |
| Purity         | HPLC              | 97.1%        |
| Assay          | qNMR              | 96.7%        |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

Signature:

Prepared by:

*Debia*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jul 27, 2022

Date: Jul 27, 2022

Date: Jul 27, 2022



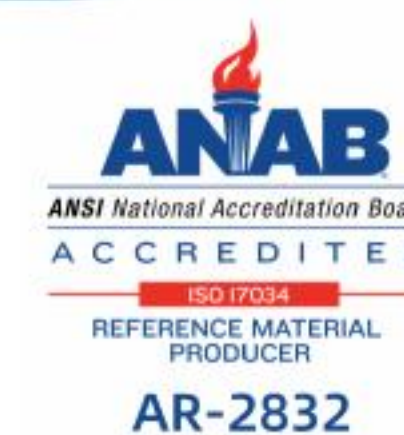
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