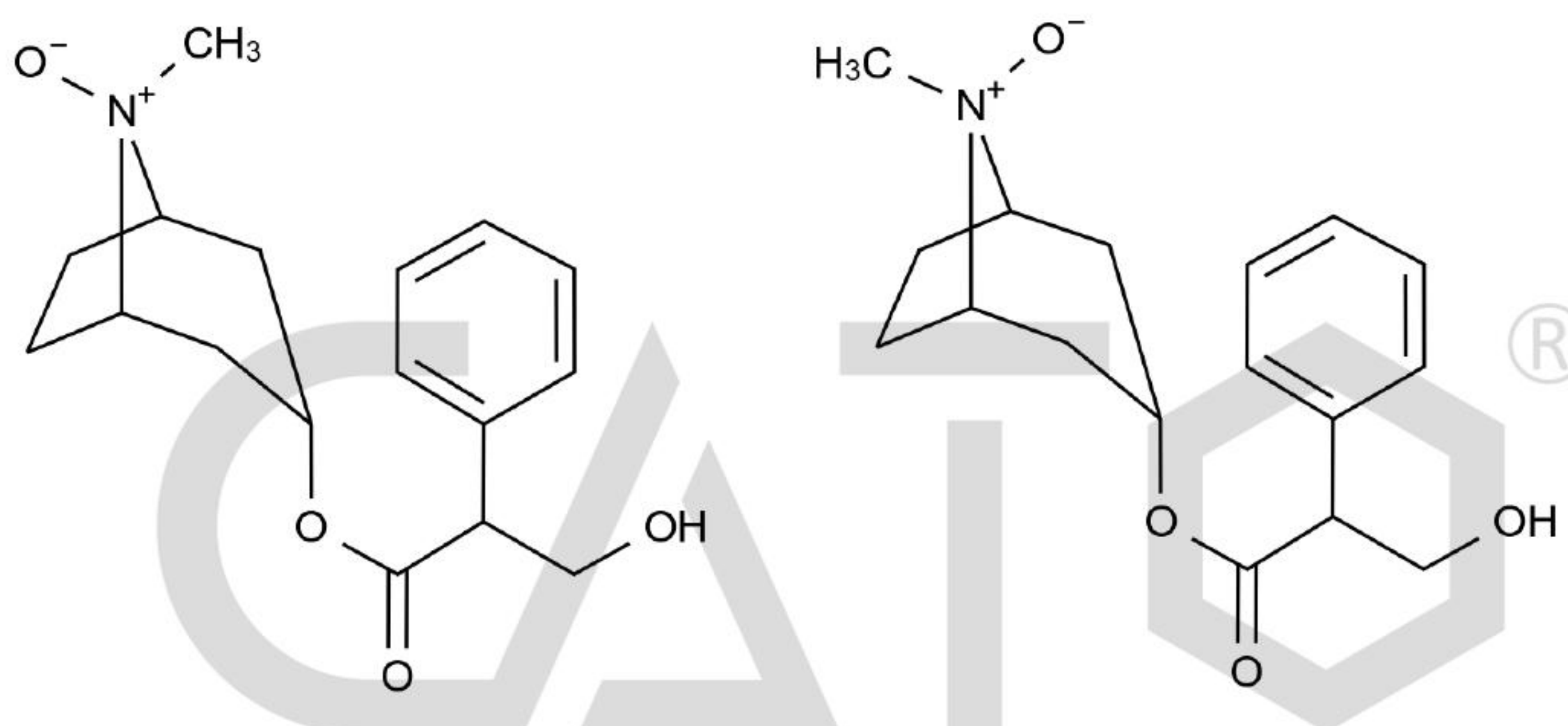


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                   |                   |                                           |
|--------------------|---------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Atropine Impurity 57                              | Catalogue Number: | C4X-148957                                |
| Synonyms:          | N/A                                               | Lot Number:       | 1020-RG-0036                              |
| CAS Number:        | N/A                                               | Expiry Date:      | Sep 21, 2029                              |
| Molecular Formula: | 2*C <sub>17</sub> H <sub>23</sub> NO <sub>4</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 2*305.37                                          |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 97.3%                    |
| Assay          | qNMR              | 97.2%                    |

Signature:

Prepared by:

*Lily*

Reviewed by:

*Hin Lam*

Approved by General Manager:

*David*

Date: Oct 23, 2025

Date: Oct 23, 2025

Date: Oct 23, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: [supports@cato-chem.com](mailto:supports@cato-chem.com)

Web: <https://www.cato-chem.com>

