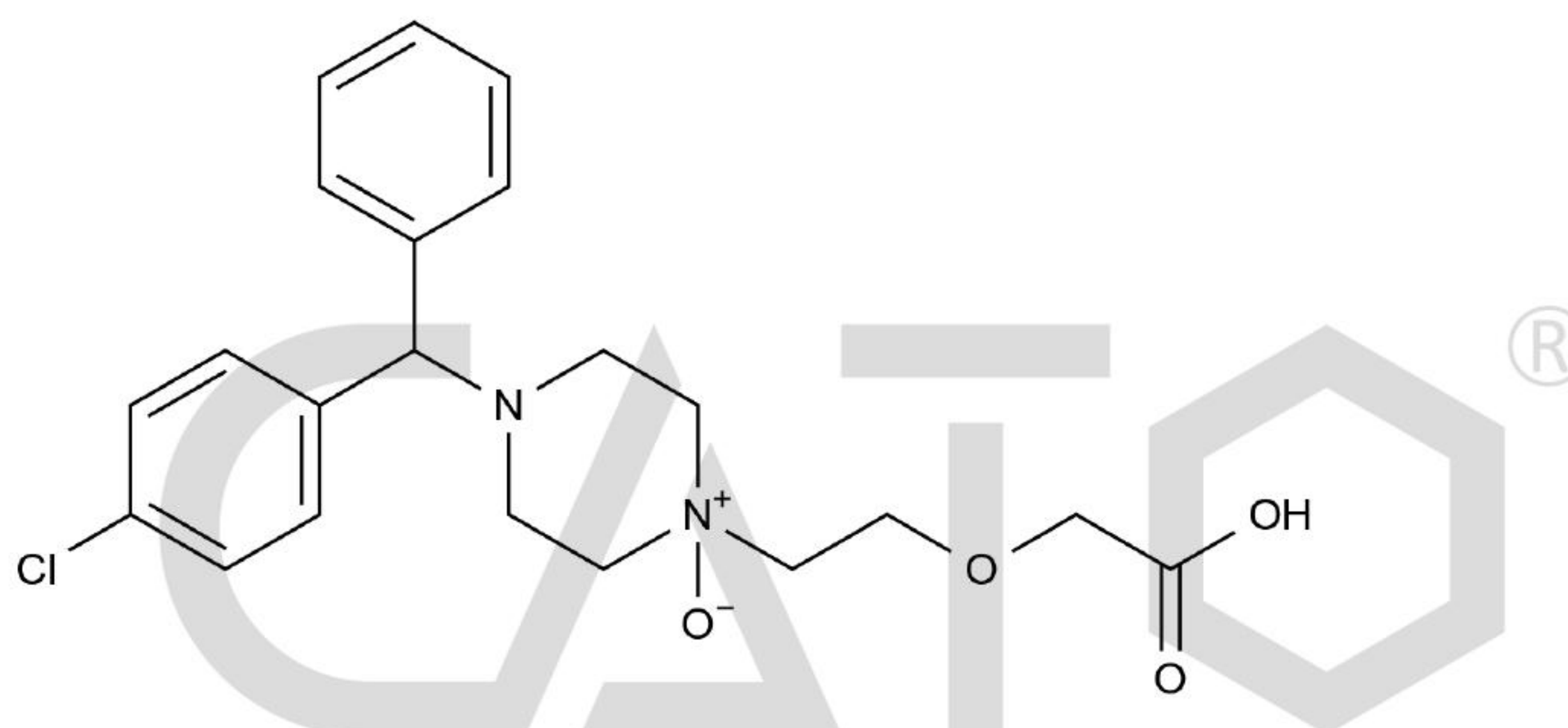


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                 |                            |                                           |
|---------------------------|-----------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | rac Cetirizine N-Oxide (Mixture of Diastereomers)               | <b>Catalogue Number:</b>   | C4X-108323                                |
| <b>Synonyms:</b>          | N/A                                                             | <b>Lot Number:</b>         | 1205-RF-0093                              |
| <b>CAS Number:</b>        | 1076199-80-8                                                    | <b>Expiry Date:</b>        | Dec 04, 2027                              |
| <b>Molecular Formula:</b> | C <sub>21</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 404.89                                                          | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed   |
| Purity         | HPLC              | 99.8%       |
| Assay          | qNMR              | 90.1%       |

Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 22, 2025

Date: Dec 22, 2025

Date: Dec 22, 2025



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