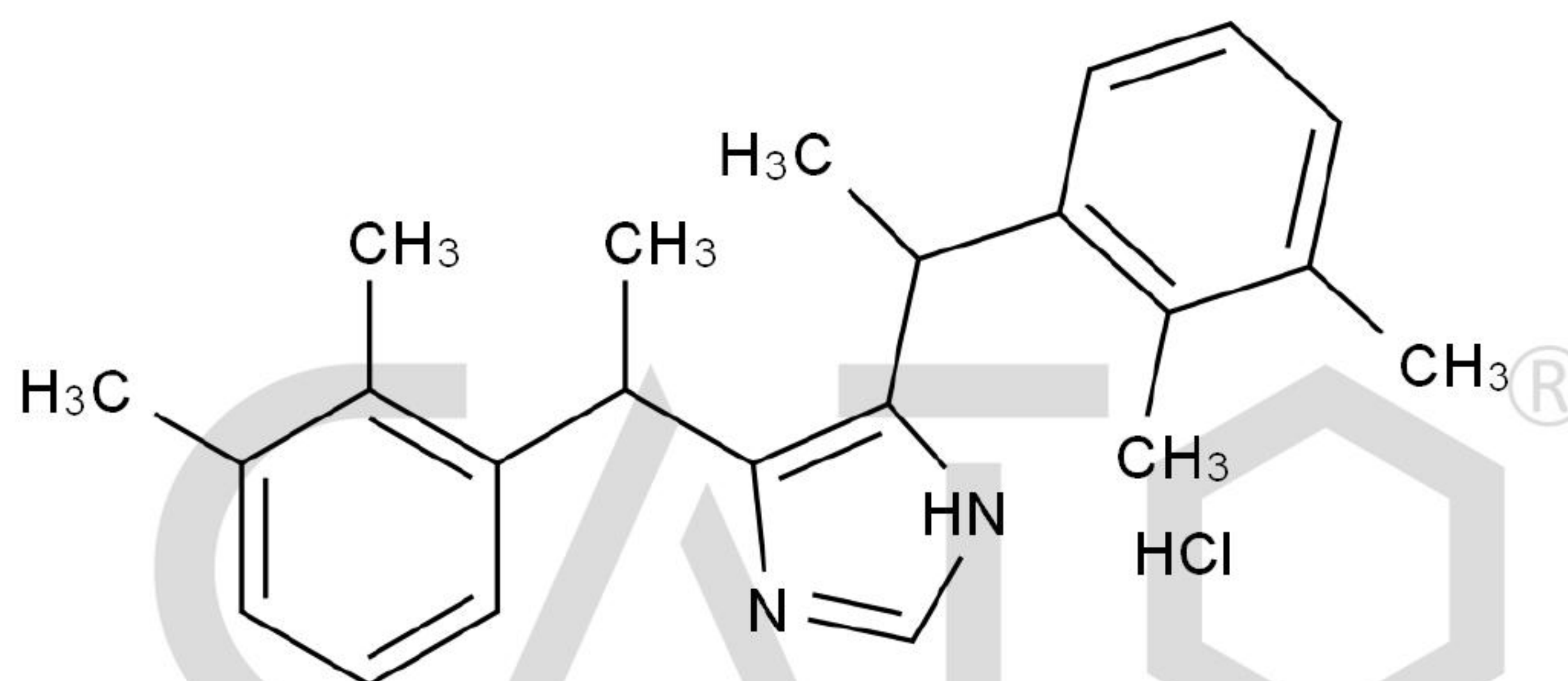


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                    |                            |                                           |
|---------------------------|----------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Dexmedetomidine Impurity 54                        | <b>Catalogue Number:</b>   | C4X-123054                                |
| <b>Synonyms:</b>          | N/A                                                | <b>Lot Number:</b>         | 0518-RH-0129                              |
| <b>CAS Number:</b>        | N/A                                                | <b>Expiry Date:</b>        | May 19, 2030                              |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> HCl | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 332.48 36.46                                       | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.0%       |

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: May 20, 2026

Date: May 21, 2026

Date: May 21, 2026



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