

# Certificate of Analysis

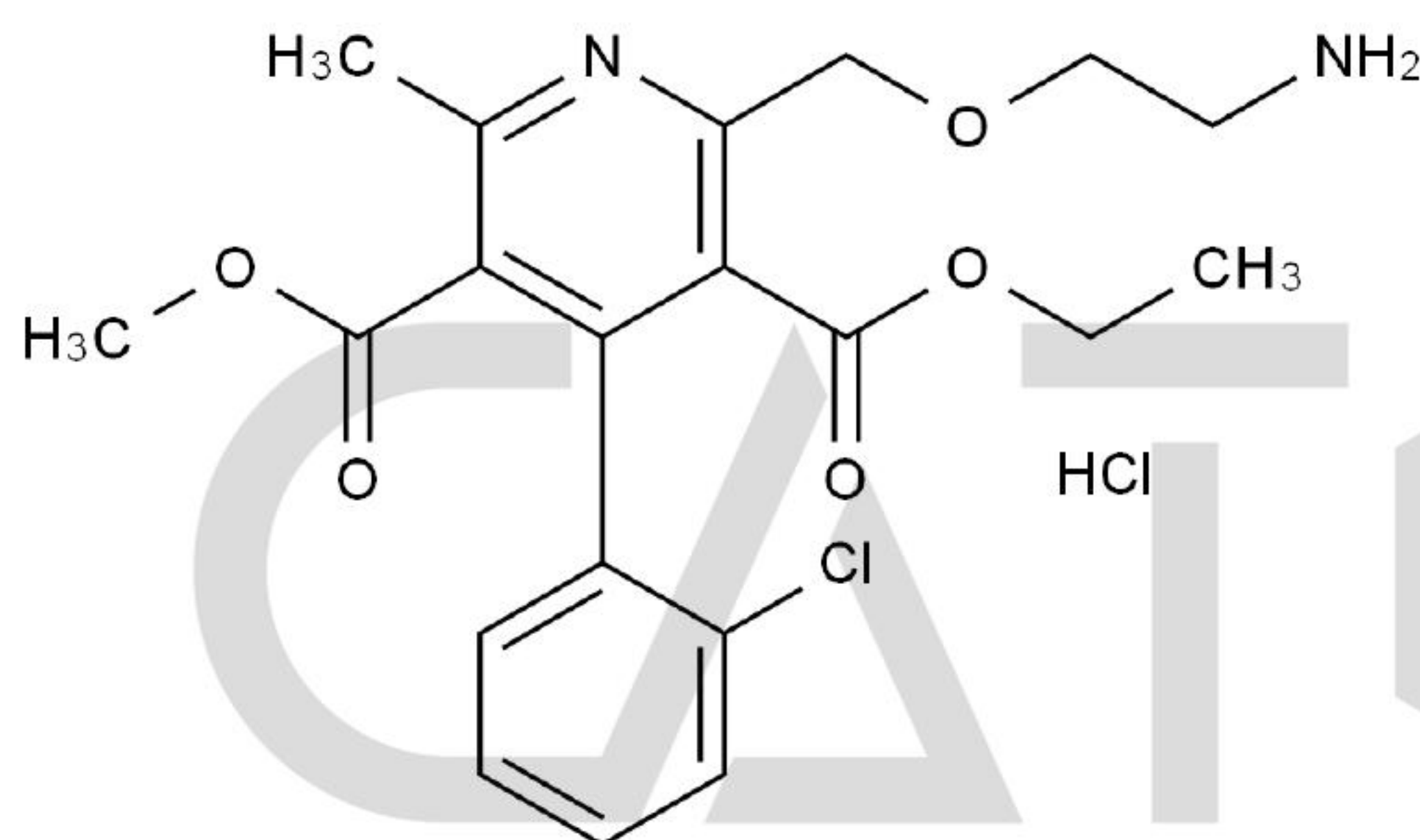
## Reference Material & Standard

|                           |                                                                     |                            |                                           |
|---------------------------|---------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Amlodipine Besylate EP Impurity D Hydrochloride                     | <b>Catalogue Number:</b>   | C4X-10954                                 |
| <b>Synonyms:</b>          | N/A                                                                 | <b>Lot Number:</b>         | 1216-RG-0026                              |
| <b>CAS Number:</b>        | 2414962-06-2                                                        | <b>Expiry Date:</b>        | Dec 14, 2029                              |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>5</sub> HCl | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 406.86 36.46                                                        | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.3%       |
| Assay          | qNMR              | 93.7%       |

**Signature:**

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Reviewed by:

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Approved by General Manager:

*David*

Date: Dec 19, 2025

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