

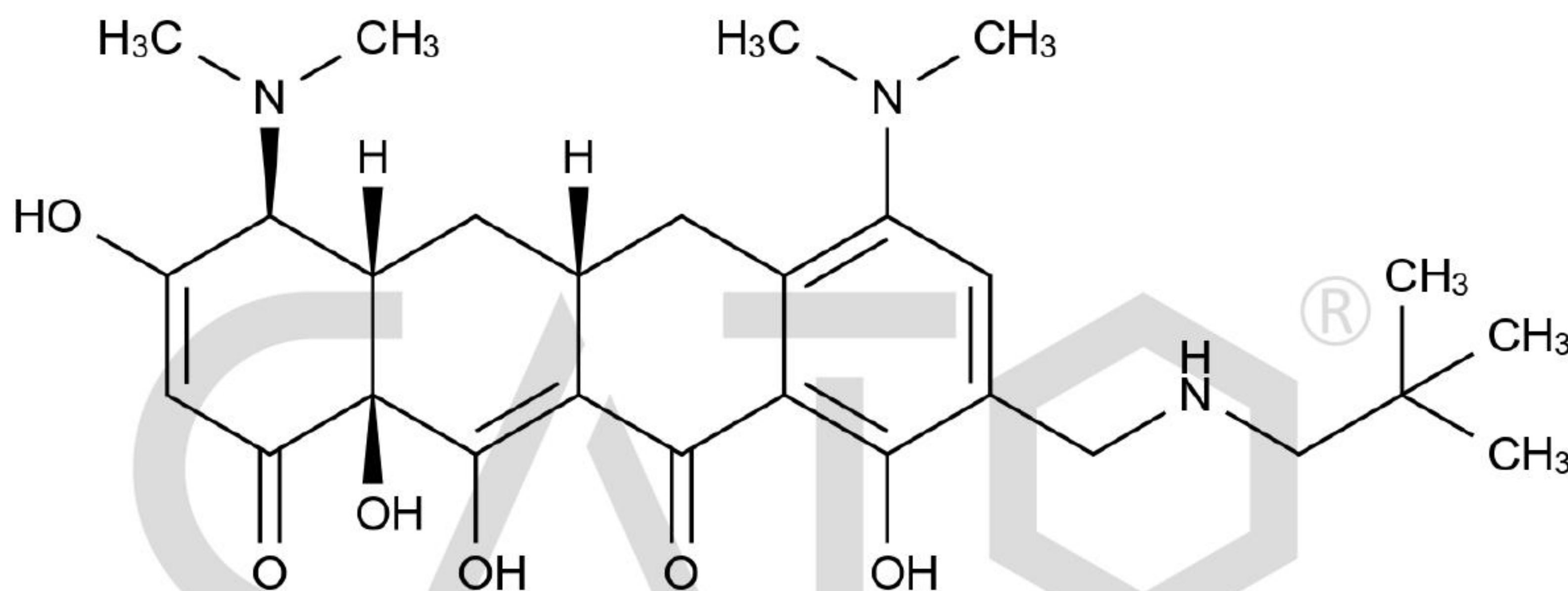
# Certificate of Analysis

## Reference Material & Standard

|                           |                                                               |                          |                                           |
|---------------------------|---------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Omacycline deamidation impurity                               | <b>Catalogue Number:</b> | C4X-28579                                 |
| <b>Synonyms:</b>          | N/A                                                           | <b>Lot Number:</b>       | 0606-RG-0076                              |
| <b>CAS Number:</b>        | 2272886-34-5                                                  | <b>Expiry Date:</b>      | May 08, 2028                              |
| <b>Molecular Formula:</b> | C <sub>28</sub> H <sub>39</sub> N <sub>3</sub> O <sub>6</sub> | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 513.63                                                        | <b>Warning:</b>          |                                           |



Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | Yellow Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed    |
| Purity         | HPLC              | 93.7%        |
| Assay          | qNMR              | 90.6%        |

## Comment:

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

## Signature:

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Approved by General Manager:

*David*

Date: Jun 09, 2025

Date: Jun 10, 2025

Date: Jun 10, 2025

