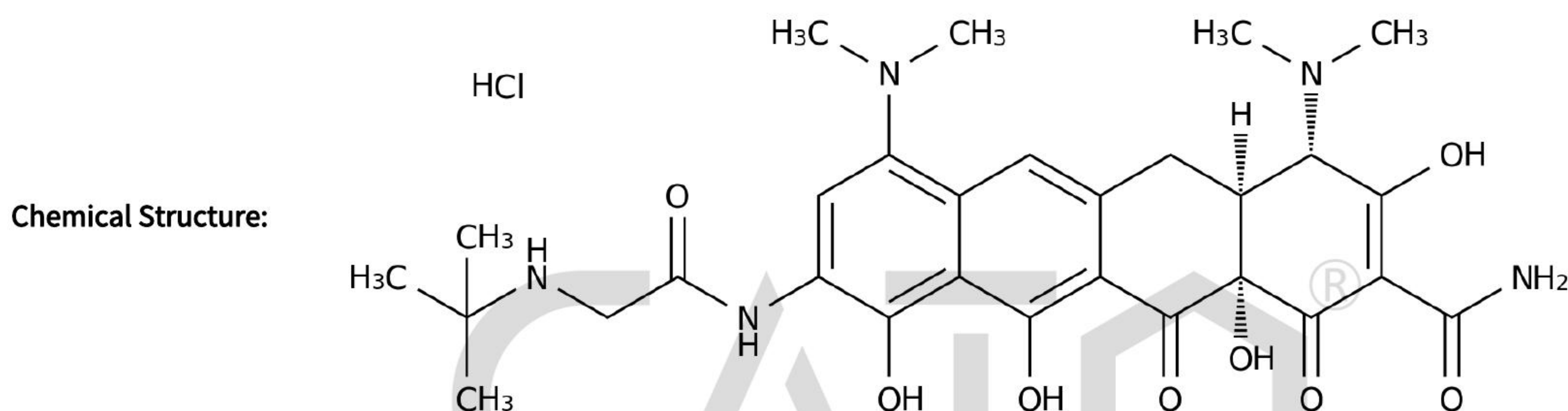


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                   |                   |                                           |
|--------------------|-------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Tigecycline Impurity 8                                            | Catalogue Number: | C4X-18608                                 |
| Synonyms:          | N/A                                                               | Lot Number:       | 1128-RE-0036                              |
| CAS Number:        | N/A                                                               | Expiry Date:      | Jun 30, 2025                              |
| Molecular Formula: | C <sub>29</sub> H <sub>37</sub> N <sub>5</sub> O <sub>8</sub> HCl | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 583.63 36.46                                                      |                   |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | Brown Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 90.53%      |
| Loss On Drying | TGA               | 7.212%      |
| Assay          |                   | 84.0%       |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

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*Hinlam*

Aporoved by General Manager:

*David*

Date: Nov 30, 2023

Date: Nov 30, 2023

Date: Nov 30, 2023

