

# Certificate of Analysis

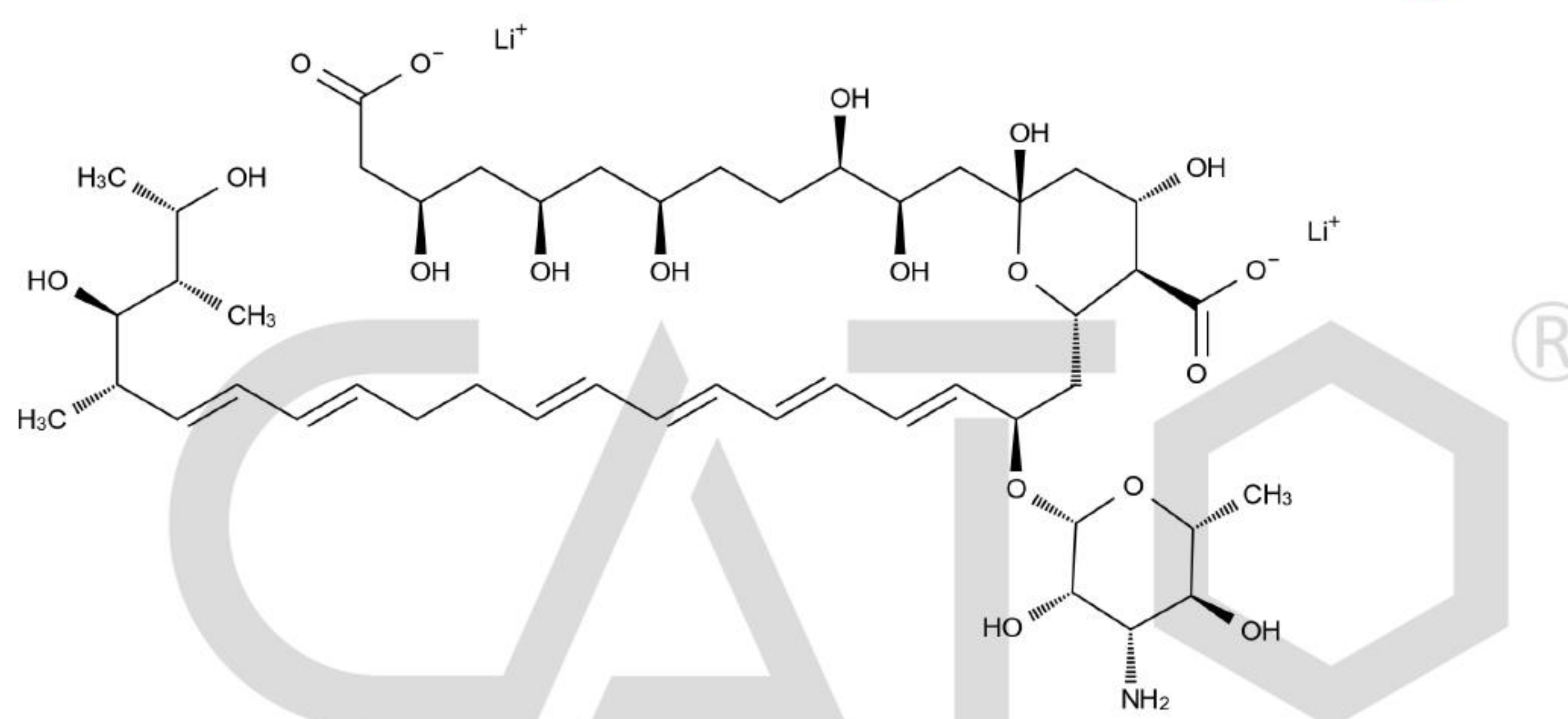
## Reference Material & Standard

|                    |                                                       |                     |                                           |
|--------------------|-------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Nystatin Impurity 6 Dilithium Salt                    | Catalogue Number:   | C4X-17166                                 |
| Synonyms:          | N/A                                                   | Lot Number:         | 0811-RE-0003                              |
| CAS Number:        | N/A                                                   | Expiry Date:        | Jun 07, 2026                              |
| Molecular Formula: | C <sub>47</sub> H <sub>75</sub> NO <sub>18</sub> 2*Li | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 942.09 2*6.94                                         | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items        | Method            | Results             |
|-------------------|-------------------|---------------------|
| Appearance        | Visual inspection | Pale Yellow Solid   |
| Identification    | LCMS&IR&HNMR      | Confirmed           |
| Purity            | HPLC              | 97.6074%            |
| Water Content     | Karl Fischer      | 7.40%               |
| Residual Solvents | NMR               | Not detected in NMR |
| Assay             |                   | 90.4%               |

## Comment:

- The compound contains 1.9% isomeric impurity (RT 11.63) according to its HPLC and LC-MS.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):  

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Aug 14, 2023

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