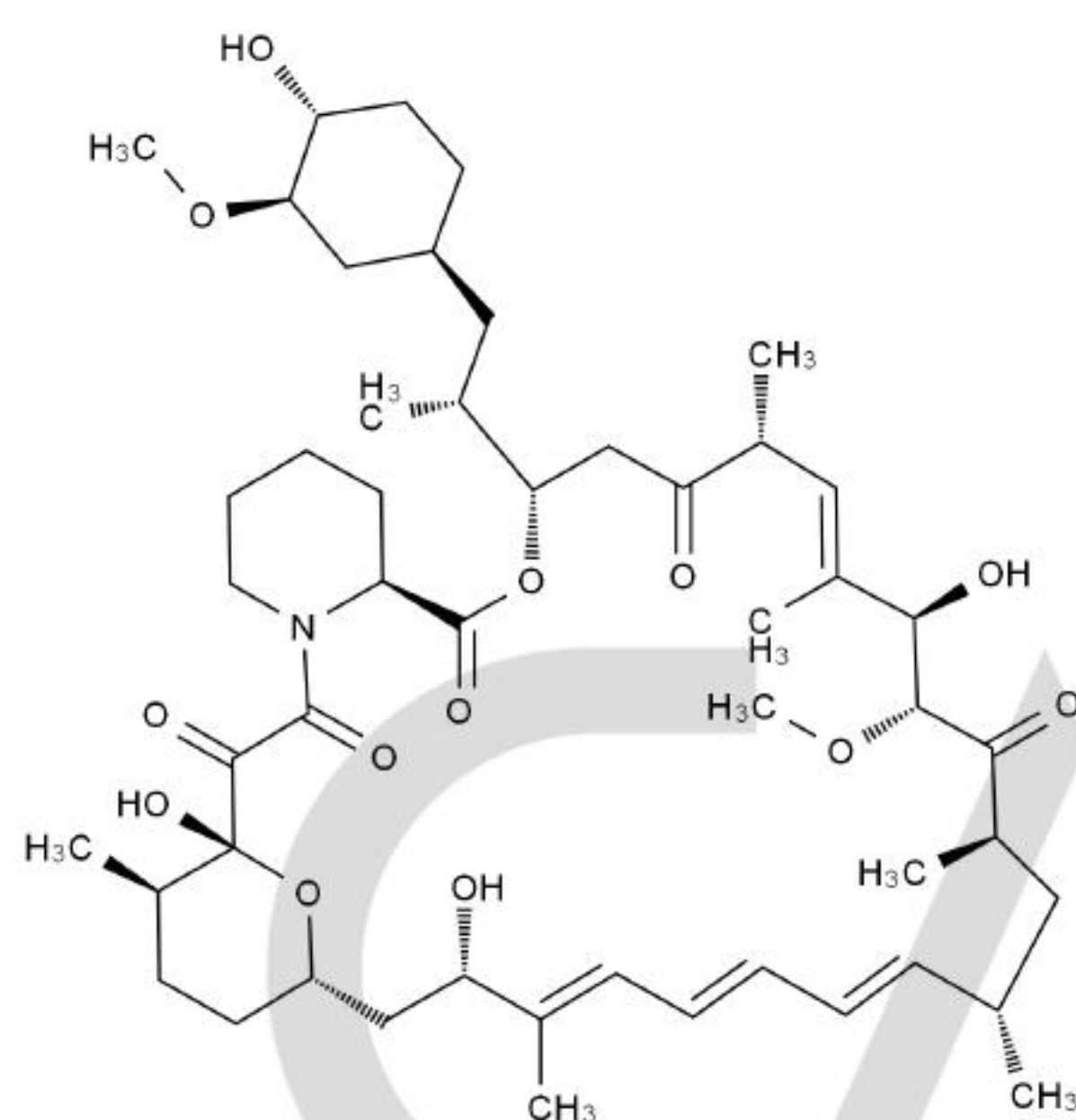


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | 7-O-Demethyl Rapamycin                           | Catalogue Number: | C4X-174616                                |
| Synonyms:          | N/A                                              | Lot Number:       | 0423-RG-0036                              |
| CAS Number:        | 151519-50-5                                      | Expiry Date:      | Mar 25, 2027                              |
| Molecular Formula: | C <sub>50</sub> H <sub>77</sub> NO <sub>13</sub> | Storage:          | -80°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 900.15                                           |                   |                                           |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&IR&UV&HNMR   | Confirmed   |
| Purity         | HPLC              | 99.33%      |
| Loss On Drying | TGA               | 0.72%       |
| Assay          |                   | 98.6%       |

## 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:

*Lily*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Apr 24, 2025

Date: Apr 24, 2025

Date: Apr 24, 2025

