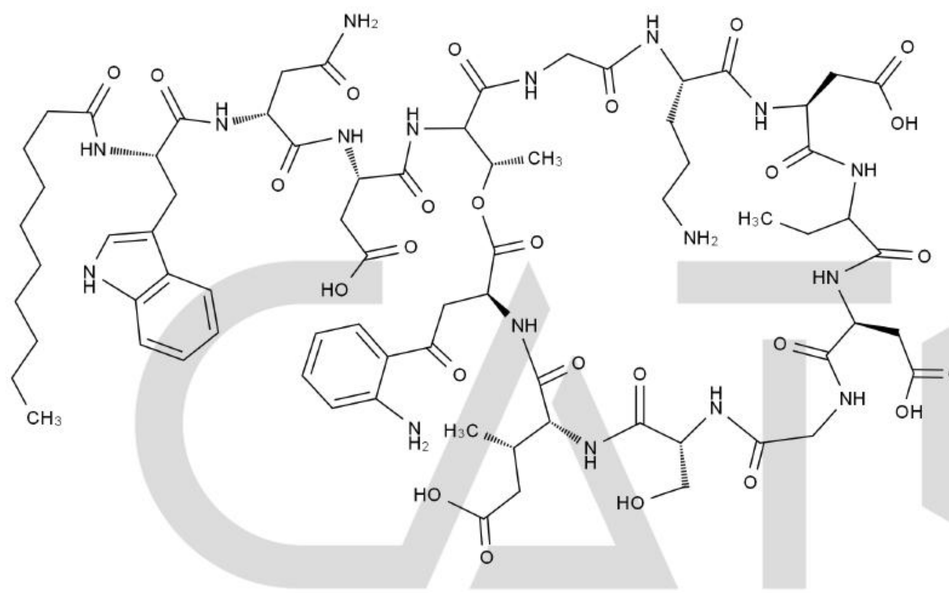
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Daptomycin Impurity 44 | **Catalogue Number:** | C4X-137844 |
| **Synonyms:** | N/A | **Lot Number:** | 0923-RH-0059 |
| **CAS Number:** | N/A | **Expiry Date:** | Sep 17, 2030 |
| **Molecular Formula:** | $C_{73}H_{103}N_{17}O_{26}$ | **Storage:** | -20°C±5°C Protected from light and Sealed |
| **Molecular Weight:** | 1634.70 | **Shipping Condition:** | Shipping with Ice Packs |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Pale Yellow Crystalline Solid |
| **Identification** | HRMS&HNMR | Confirmed |
| **Purity** | HPLC | 92.29% |
| **Loss on Drying** | TGA | 4.580% |
| **Assay** | | 88.1% |

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## Comment:

*The calculation of the mass balance 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: Date: Sep 23, 2026

Reviewed by: Date: Sep 24, 2026

Approved by General Manager: Date: Sep 24, 2026

CATO Research Chemicals Inc.