

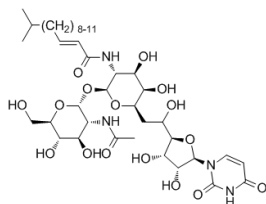
Certificate of Analysis

Product Name: Tunicamycin
Cat. No.: HY-A0098
CAS No.: 11089-65-9
Batch No.: 26163
Chemical Name: (E)-N-((2S,3R,4R,5R,6R)-2-(((2R,3R,4R,5S,6R)-3-acetamido-4,5-dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-6-(2-((2R,3S,4R,5R)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-3,4-dihydroxytetrahydrofuran-2-yl)-2-hydroxyethyl)-4,5-dihydroxytetrahydro-2H-pyran-3-yl)-5-methylhex-2-enamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₉H₆₄N₄O₁₆ (n=10)
Molecular Weight: 844.94 (n=10)
Storage: Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 98.00%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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