

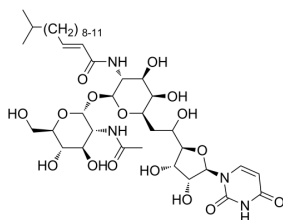
## Tunicamycin

Cat. No.: HY-A0098  
 CAS No.: 11089-65-9  
 Batch No.: 246131  
 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-((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:  $C_{39}H_{64}N_4O_{16}$   
 Molecular Weight: 844.94 (n=10)  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.96%  
 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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