



Datasheet for ABIN5022299

Tunicamycin



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1 Image

Overview

Quantity: 5 mg

Product Details

Purpose: Autophagy inducer

Purity: >98 % (HPLC) as a mixture of tunicamycin A, B, C and D

Chemical Name: Tunicamycin from Streptomyces sp.

Formula: C₃₉H₆₄N₄O₁₆

Solubility: Soluble in DMSO (>10 mg/ml) or ethanol (5 mg/ml; warm).

Target Details

Molecular Weight: 844.95

CAS-No: 11089-65-9

Application Details

Comment: Source: Isolated from Streptomyces lysosuperficus.

Appearance: White solid.

Restrictions: For Research Use only

Handling

Format: Solid

Precaution of Use: Classification: D1A- Very Toxic Material Causing Immediate and Serious Toxic Effects, Highly

Handling

toxic by ingestion, D2A- Very Toxic Material Causing Other Toxic Effects, Teratogen-
Reproductive hazard Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
Hazard statements: H300- Fatal if swallowed. Precautionary statements: P264- Wash hands thoroughly after handling. P301 + P310- IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

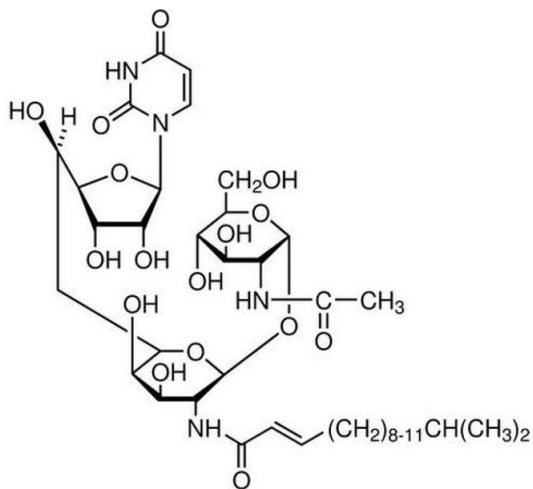
Handling Advice:

Classification: D1A- Very Toxic Material Causing Immediate and Serious Toxic Effects, Highly toxic by ingestion, D2A- Very Toxic Material Causing Other Toxic Effects, Teratogen-
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Storage:

-20 °C

Images



Molecule

Image 1. Chemical structure of Tunicamycin , a Autophagy inducer. CAS #: 11089-65-9. Molecular Formula: C₃₉H₆₄N₄O₁₆. Molecular Weight: 844.95 g/mol.