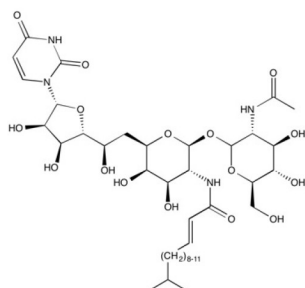


Tunicamycin

Catalogue No.: abx076778



Tunicamycin is a small molecule which can act as an ER stress inducer. It is isolated from *Streptomyces lysosuperificus*, provided as a beige powder and as a mixture of tunicamycin A (C₁₄), B (C₁₅), C (C₁₆) and D (C₁₇) homologs in the fatty acid chain.

This product acts on the following target types: ER/Golgi, UPR (Unfolded Protein Response), Antibiotic.

This product acts on the following biochemical pathways: Autophagy, Cell cycle, GlcNAc, Degradation.

This product may be of interest in the following research areas and diseases: Cellular stress, Ubiquitin/Proteasome, Cell death, Infectious disease.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

Target: Tunicamycin

Form: Solid

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

Reconstitution: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 5 mg/ml with warming).

Storage: Store desiccated at -20 °C for up to 2 years. Solutions can be stored at -20 °C for up to 1 month.

Molecular Weight: 830.9 g/mol

Molecular Formula: C₃₈H₆₂N₄O₁₆

Buffer: Not applicable.

CAS Number: 11089-65-9

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.