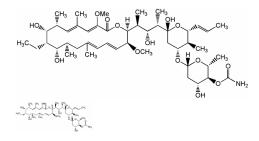
# **Concanamycin A (high purity)**



1mg

Rating: Not Rated Yet

Price

Sales price 7700?

Discount

## Ask a question about this product

Manufacturer Bio Viotica

**Description Product Details** 

Synonyms Folimycin; Antibiotic TAN 1323B;

Antibiotic X4357B

Product Type Chemical

Properties

Formula C46H75NO14 MW 866.1 CAS 80890-47-7 RTECS CB9732000

Source/Host Chemicals Isolated from Streptomyces sp.

Purity Chemicals ?98% (HPLC)
Appearance White to off-wh

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Soluble in methanol, DMSO or

acetonitrile; insoluble in water.

Identity Determined by 1H-NMR.
Declaration Manufactured by BioViotica.
InChi Key DJZCTUVALDDONK-

MSPZYORZSA-N

Shipping and Handling

Shipping AMBIENT
Short Term Storage +4°C
Long Term Storage -20°C

Handling Advice Protect from light when in

solution.

Use/Stability Stable for at least 1 year after

receipt when stored at

-20°C.After reconstitution protect

from light at -20°C.

### Antibiotic.

More potent and specific H+-ATPase inhibitor than bafilomycin A1 (Prod. No. BVT-0252).

Inhibits acidification of organelles such as lysosomes and the Golgi apparatus.

Inhibitor of autophagic degradation by rising lysosomal pH and thus inactivating the lysosomal acid hydrolases.

Blocks cell surface expression of viral glycoproteins without affecting their synthesis.

Cytotoxic in a number of cell lines in a cell viability assay.

Induces nitric oxide (NO) production.

#### **Product References**

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Inhibitory effect of modified bafilomycins and concanamycins on P- and V-type adenosinetriphosphatases: S. Drose, et al.; Biochemistry 32, 3902 (1993)

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Estimating the rotation rate in the vacuolar proton-ATPase in native yeast vacuolar membranes: Z. Ferencz, et al.; Eur. Biophys. J. 42, 147 (2013)

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### Reviews

There are yet no reviews for this product.