Concanamycin A

H^+ ATPase inhibitor

Antibiotic. More potent and specific H^+-ATPase inhibitor than bafilomycin A_1 (Prod. No. BML-CM110). Inhibits acidification of organelles such as lysosomes and the Golgi apparatus. Blocks cell surface expression of viral glycoproteins without affecting their synthesis. Exhibits cytotoxic effects in a number of cell lines in a cell viability assay. Induces nitric oxide (NO) production. Inhibits Autophagy.

Citations: 24 View Online »

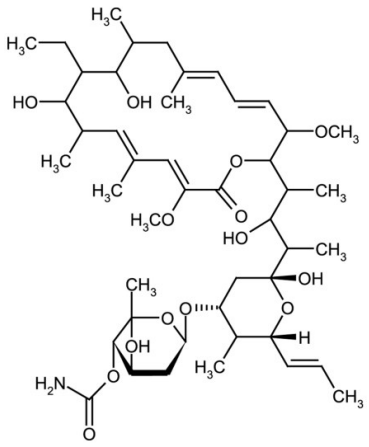
Ordering Information

Order Online »

ALX-380-034-C025	25µg
ALX-380-034-C100	100µg

Manuals, SDS & CofA

View Online »


H3C
H3C
HO
OH
CH3
OCH3
H3C
H3C
O
CH3
H3CO
O
HO
CH3
OH
CH3
O
O
O
H
OH
H3C
H2N
O
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at -20°C. After reconstitution protect from light . Solutions are more stable when stored at -20°C.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Folimycin
Appearance	White to off-white solid (sub-milligram quantities will appear as clear film).
CAS	80890-47-7
Couple Target	ATPase
Couple Type	Inhibitor
Formula	$C_{46}H_{75}NO_{14}$
MW	866.1
Purity	≥95% (HPLC)
RTECS	CB9732000
Solubility	Soluble in methanol, DMSO or acetonitrile; insoluble in water.
Source	Isolated from *Streptomyces sp.*

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
Fax:
usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.