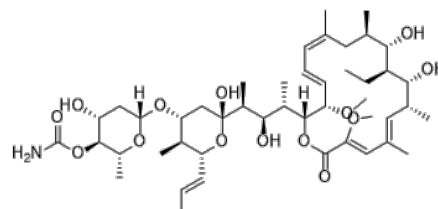


Product Name : Concanamycin A
Cat. No. : PC-27521
CAS No. : 80890-47-7
Molecular Formula : C₄₆H₇₅NO₁₄
Molecular Weight : 866.10
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Concanamycin A (Folimycin) is a potent, specific inhibitor of **vacuolar type H⁺-ATPase (V-ATPase)** with IC₅₀ of 9.2 nM, does not inhibit F-type and P-type H⁺-ATPases.

Concanamycin A inhibits intracellular translocation of envelope glycoprotein of VSV.

Concanamycin A blocks intracellular translocation of glycoprotein at the latest before reaching the trans Golgi network where the processing of N-glycans is completed.

Concanamycin A induces cell death in activated CD8(+) CTL.

Concanamycin A is also an inhibitor of lysosomal acidification.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com