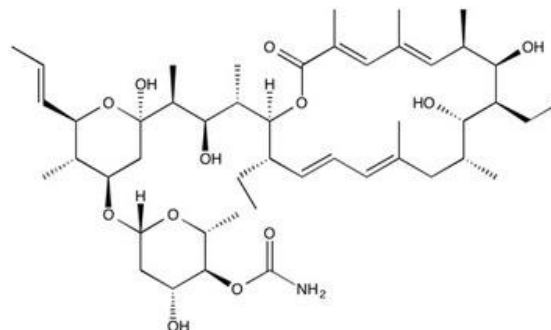


Concanamycin A, V-ATPase inhibitor

| Catalog | Unit |
|---------------|-------|
| TBI2905-20UG | 20ug |
| TBI2905-100UG | 100ug |

Product Details

Alternate Names: Folimycin
Molecular Formula: C₄₆H₇₅NO₁₄
Formula Weight: 866.10
CAS Number: 80890-47-7
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 50 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

V-ATPase inhibitor

Functions

A potent and specific inhibitor of the vacuolar (V-type) H⁺-ATPase which can induce apoptotic cell death in various cell lines. Inhibits cell surface expression of virus envelope glycoproteins. Dramatically increases the rate of extracellular vesicle release from a variety of cell types. Inhibits autophagy by blocking lysosomal acidification.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.