# Venturicidin A

## Inhibitor of mitochondrial ATP synthase

Macrolide antibiotic. Potent inhibitor of mitochondrial ATP synthase complex, acting on the $F_0$ membrane sector. Shows antifungal activity.

**Citations:** 5 View Online »

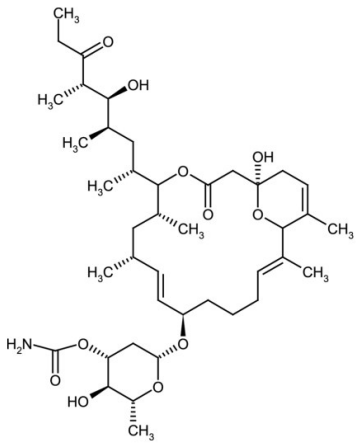
## Ordering Information

Order Online »

| | |
|---|---|
| **ALX-380-211-M001** | 1mg |

## Manuals, SDS & CofA

View Online »


CH3
O
OH
H3C
H3C
H3C
O
OH
O
O
CH3
CH3
H3C
CH3
H2N
O
O
O
HO
O
CH3

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | Aabomycin A1 |
| **Appearance** | White to off-white solid. |
| **CAS** | 33538-71-5 |
| **Couple Target** | ATPase |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{41}H_{67}NO_{11}$ |
| **Formulation** | Lyophilized. |
| **MI** | **14:** 9947 |
| **MW** | 750.0 |
| **Purity** | ≥95% (HPLC) |
| **RTECS** | YX4556000 |
| **Solubility** | Soluble in 100% ethanol, methanol, dimethyl formamide or DMSO. |
| **Source** | Isolated from *Streptomyces* sp. MST-117594. |



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