Antimycin A

Antibiotic

Antimycin A is a bacterial metabolite complex produced by *Streptomyces*. It is composed majorly of Antimycin A1, A2, A3, and A4. Antimycin A is an antibiotic. It is capable of inducing apoptosis in mammalian cells, which is not prevented by the presence of Bcl-2. Antimycin A acts as an inhibitor of cellular respiration and more specifically, the electron transport chain of oxidative phosphorylation via its binding to cytochrome c reductase.

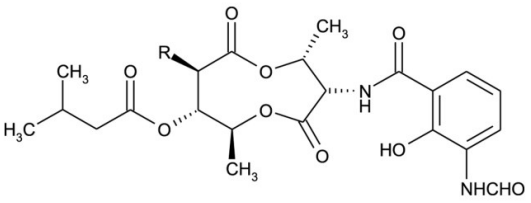
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Ordering Information Order Online »

ALX-380-075-M005	5mg
ALX-380-075-M010	10mg

Manuals, SDS & CofA View Online »

- Antimycin A complex composed mostly of Antimycin A1, A2, A3, and A4
- Used for the study of the mitochondrial function


CH3
R
O
O
CH3
O
N
H
O
H3C
O
O
O
CH3
HO
NHCHO


Antimycin A
Cat. No.: ALX-38
Lot No.: 0405210
Storage: -20°C
5 mg
MW 548.6
Enzo

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Antipiricullin, Virosin
Appearance	White to faint yellow powder.
CAS	1397-94-0
Identity	Identity determined by NMR.
MI	**14:** 714 (A1) & 715 (A3)
RTECS	CD0350000
Solubility	Soluble in 100% ethanol (50mg/ml).
Source	Isolated from *Streptomyces sp*. Mixture of antimycin A's.

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