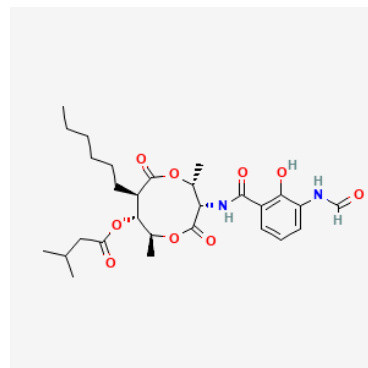


Antimycin A, Inhibits mitochondrial electron transport

Catalog	Unit
TBI2611 - 10MG	10 mg
TBI2611 - 50MG	50 mg

Product Details

Formal Name: Produced from Streptomyces sp.
Alternate Names: Antimycin A Complex
Molecular Formula: C₂₈H₄₀N₂O₉
Formula Weight: 548.6
CAS Number: 1397-94-0
Purity: >97%
Formulation: Powder
Solubility: Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 50 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

Inhibits mitochondrial electron transport.

Functions

Mitochondrial electron transport inhibitor at complex III. Induces apoptosis in various cell lines¹. “Antimycin A-induced cell damage” may be used to generate cellular models of degenerative disorders by blocking the mitochondrial electron transport chain and elevating ROS levels².

Application Procedures

First dissolved in DMSO (up to 35 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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