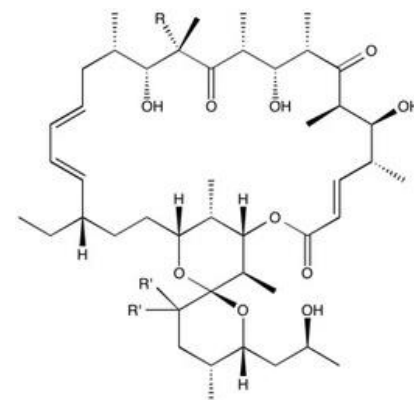


Oligomycin complex, Mitochondrial ATPase inhibitor

Catalog	Unit
TBI2092-5MG	5 mg
TBI2092-25MG	25 mg

Product Details

Formal Name: From Streptomyces sp., mixture of Oligomycin A, B, and C
Molecular Formula: C₄₅H₇₄O₁₁ (for Oligomycin A)
Formula Weight: 791.10
CAS Number: 1404-19-9
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 300 mg/ml) or in Ethanol (up to 200 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Oligomycin A: R = OH, R' = H
 Oligomycin B: R = OH, R' = ketone
 Oligomycin C: R = H, R' = H

Applications

Mitochondrial ATPase inhibitor

Functions

Inhibits mitochondrial F1F0 ATP synthase. A useful tool for decreasing cellular ATP levels. Induces autophagy. Stimulates lysosome acidification. Protects against ischemic kidney in male rats.

Application Procedures

First dissolved in DMSO (up to 300 mg/ml) or in Ethanol (up to 200 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.