

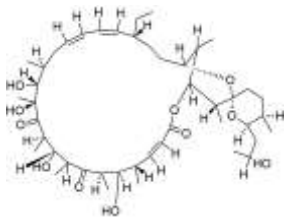
## PRODUCT: Oligomycin Complex

ALTERNATE NAME: Oligomycin; Oligomycin A, B, C

CATALOG #: B2166-5,25

AMOUNT: 5 mg, 25 mg

### STRUCTURE:



MOLECULAR FORMULA:  $C_{45}H_{74}O_{11}$  (For Oligomycin A)

MOLECULAR WEIGHT: 791.06

CAS NUMBER: 1404-19-9

APPEARANCE: White solid

SOLUBILITY: DMSO (300 mg/ml)

PURITY:  $\geq 97\%$  by TLC (mixture of Oligomycins A, B and C)

STORAGE: Store at  $-20\text{ }^{\circ}\text{C}$ . Protect from light and light

DESCRIPTION: Oligomycin is an inhibitor of mitochondrial  $F_1F_0$  ATP synthase. A useful tool for decreasing cellular ATP levels. Induces autophagy. Stimulates lysosome acidification. Oligomycin protects against ischemic kidney in male rats.

REFERENCES: Dawalibi, R., and Mayer, A. (2010). *Mol. Biol. Cell* **21**, 4173-4183.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Bafilomycin A1 (Cat. No. 1829-50, 250)

(+)-Blebbistatin (Cat. No. 2407-1, 5)

( $\pm$ )-Blebbistatin (Cat. No. 2405-5, 25)

(-)-Blebbistatin (Cat. No. 2406-1, 5)

Bufalin (Cat. No. 2509-10, 50)

Concanamycin A (Cat. No. B2091-25,100)

Oligomycin complex (Cat. No. B2165-5,25)

Ouabain (Cat. No. B2068-10, 50)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**