

CERTIFICATE of ANALYSIS

PRODUCT:	Oligomycin A ATPase Inhibitor; from <i>Streptomyces sp.</i> C ₄₅ H ₇₄ O ₁₁ , M.W. 791.1, CAS# [579-13-5]
PRODUCT NUMBER:	O-1063
LOT NUMBER:	J1125
APPEARANCE:	White to Off-white powder (Lyophilisate).
SOLUBILITY:	Soluble in ethanol, methanol, DMF, or DMSO. Poor water solubility.
PURITY (HPLC):	> 95%
APPLICATION NOTES:	Oligomycin A is the dominant analogue of a class macrocyclic lactones isolated from selected strains of <i>Streptomyces sp.</i> Oligomycin A is an inhibitor of mitochondrial F ₁ F ₀ -ATPase. It induces apoptosis in a variety of cell types, makes cells more susceptible to cell death and also leads to a switch in the death mode from apoptosis to necrosis. Oligomycin A exhibits a broad biological profile including antifungal, antitumor and nematocidal activities.
STORAGE & HANDLING:	Store desiccated at -20°C. PROTECT FROM LIGHT! <u>WARNING:</u> HARMFUL! CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS