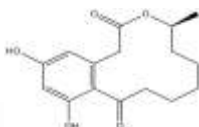


PRODUCT: Curvularin**ALTERNATE NAME:** (5S)-13,15-dihydroxy-5-methyl-4-oxabicyclo[10.4.0]hexadeca-1(12),13,15-triene-3,11-dione; FKI-1938; NSC 166071**CATALOG #:** 9694-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₂₀O₅**MOLECULAR WEIGHT:** 292.33**CAS NUMBER:** 10140-70-2**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (1 mg/ml)**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Isolated from *Penicillium* sp. Displays cytotoxic, antifungal, anti-inflammatory, and antiprotozoal properties. Acts as a TGF-β signaling pathway inhibitor as well as inducible nitric oxide synthase (iNOS; NOSII) inhibitor. Also, inhibits cell division and acts as an acetylcholinesterase (AChE) inhibitor.**REFERENCES:** Yao, Y., *et al.* (2003). *Mol. Pharmacol.* **63**, 383-391.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**1400W hydrochloride (**Cat. No. 2055-5, 25**)Diphenyleidonium chloride (**2358-5**)eNOS Antibody (**Cat. No. 3426R-100**)L-NAME Hydrochloride (**Cat. No. 2356-100, 500**)L-NMMA acetate (**Cat. No. 2358-5, 25, 100**)Nitric Oxide Colorimetric Assay Kit (**Cat. No. K262-200**)Nitric Oxide Fluorometric Assay Kit (**Cat. No. K252-20**)7-Nitroindazole (**Cat. No. 2360-50, 250**)Nitric Oxide Synthase (NOS) Activity Assay Kit (Colorimetric) (**K205-100**)Nitric Oxide Synthase (NOS) Activity Assay Kit (Fluorometric) (**K206-100**)ODQ (**Cat. No. 2501-10, 50**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**