PRODUCT:  Penicillide

ALTERNATE NAME:  11-hydroxy-3-[(1s)-1-hydroxy-3-methylbutyl]-4-methoxy-9-methyl-5h,7h-dibenzo[b,g][1,5]dioxocin-5-one

CATALOG #:  B1245-250, 1000
AMOUNT:  250 µg, 1 mg

STRUCTURE:

MOLECULAR FORMULA:  C₂₁H₂₄O₆
MOLECULAR WEIGHT:  372.4
CAS NUMBER:  55303-92-9
APPEARANCE:  Off-white Solid
SOLUBILITY:  DMSO
PURITY:  ≥95% by HPLC

STOREAGE:  Store at -20°C. Protect from air and light.

DESCRIPTION:  Penicillide is an inhibitor of Acyl-Coenzyme A cholesterol acyltransferase (ACAT), Calpain and Oxytocin receptor. It has shown to have growth inhibition properties in plants and displays anticancer, antibiotic and cytotoxic properties.


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

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