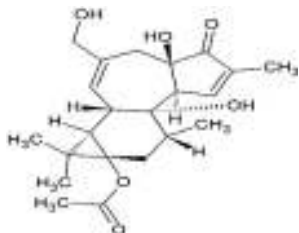


Prostratin

ALTERNATE NAME: (1aR,1bS,4aR,7aS,7bR,8R,9aS)-9a-(Acetyloxy)-1,1a,1b,4,4a,7a,7b,8,9,9a-decahydro-4a,7b-dihydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5H-cyclopropa[3,4]benz[1,2-e]azulen-5-one
CCRIS 6292
NSC 623310

CATALOG #: B2724-1 1 mg
B2724-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₃₀O₆

MOLECULAR WEIGHT: 390.47

CAS NUMBER: 60857-08-1

APPEARANCE: Colorless film

PURITY: ≥98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Prostratin is a terpenoid, non-tumorigenic PKC activator isolated from *Pimelia prostrata*. Induces differentiation of human myeloid leukemia cells and potentiates differentiation by chemotherapeutic agents. Inhibits tumorigenesis in KRAS mutant pancreatic cancer cells and reduces tumor growth in mouse pancreatic tumor models. Also, acts as a NF-κB activator. Activates HIV gene expression in T cells.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

Bryostatin 1 (2513)
Phorbol-12-myristate 13-acetate (PMA) (1544)
(-)-Indolactam V (2197)
Ingenuol 3-angelate (2593)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*