Overview

Product name: Prostratin
Description: PKC activator; reactivates HIV-1 latency
Biological description: PKC activator; reactivates HIV-1 latency (IC$_{50}$ = ~0.5 µM) by PKC dependent NF-κB activation. Downregulates expression of HIV-1 receptor CD4 and its co-receptors CXCR4 and CCR5 in vitro. Non-tumor promoting.
Purity: > 98%

Properties

Chemical name: 12-Deoxyphorbol-13-acetate
Molecular weight: 390.48
Chemical structure:

![Chemical structure image]

Molecular formula: C$_{22}$H$_{30}$O$_{6}$
CAS Number: 60857-08-1
Storage instructions: Store at -20°C (desiccating conditions).
Solubility overview: Supplied in ethanol (at lot-dependent concentrations). Soluble in ethanol to 10 mg/ml.
Handling: Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 6 months. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES: OCC1=C[C@H]2[C@H]3[C@@(O)](OC(=O)C)(C[C@H](C)C2(O)C2C=CC(C)(C)=O)[C@@(O)]1(O)C1)C3(C)C

Source: Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
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- Extensive multi-media technical resources to help you
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