12-Deoxyphorbol 13-acetate

PKC activator

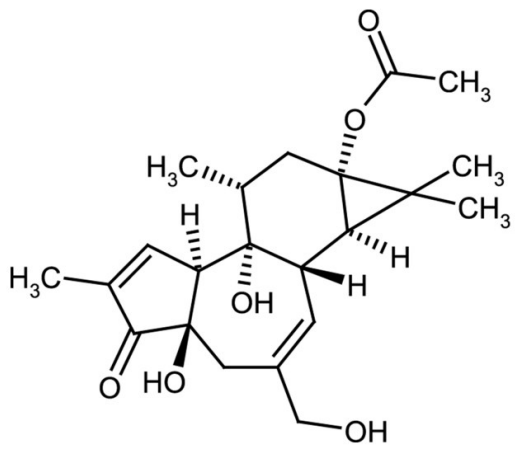
A non-tumor promoting phorbol ester, which acts as a PKC partial agonist. Protects T-lymphoblastoid cells from the killing effects of HIV-1. Upregulates latent HIV-1 provirus expression and inhibits HIV infection and viral spread at the entry/fusion step of viral life cycle. Does not induce tumor formation.

Citations: 7 View Online »

Ordering Information Order Online »

BML-PE187-0001	1mg

Manuals, SDS & CofA View Online »


O
CH3
O
H3C
CH3
CH3
H
H
H3C
OH
H
O
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Prostratin
Appearance	White to off white crystalline powder.
CAS	60857-08-1
Couple Target	PKC
Couple Type	Activator
Formula	$C_{22}H_{30}O_6$
MW	390.5
Purity	≥99% (HPLC, TLC)
Solubility	Soluble in 100% ethanol (25mg/ml) or DMSO (25mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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