Phorbol 12-myristate 13-acetate

PKC activator

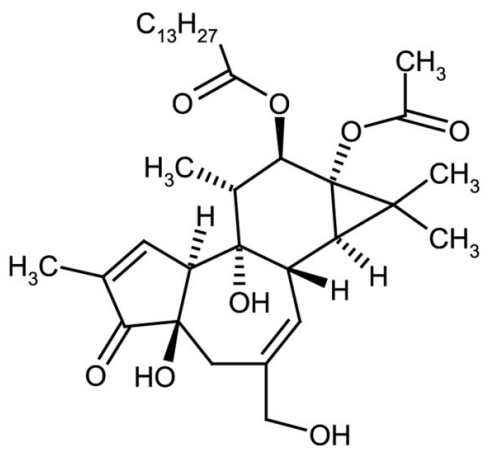
PKC activator (10-100 ng/ml). Most commonly used phorbol ester. Causes an extremely wide range of effects in cells and tissues. Very potent mouse skin tumor promoter. Inhibits apoptosis induced by Fas, but induces apoptosis in HL-60 promyelocytic leukemia cells.

Citations: 61 View Online »

Ordering Information Order Online »

BML-PE160-0001	1mg
BML-PE160-0005	5mg

Manuals, SDS & CofA View Online »


C13H27
O
O
CH3
O
O
H3C
CH3
H
CH3
H3C
H
OH
H
O
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Dissolve in an organic solvent prior to dilution into aqueous buffers. Add calculated volume of organic solvent to vial to prepare concentrated stock solution. Intermediate dilutions into the same organic solvent are recommended prior to final dilution into aqueous buffer. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	PMA, TPA
Appearance	Colorless amorphous film or foam.
CAS	16561-29-8
Couple Target	PKC
Couple Type	Activator
Formula	$C_{36}H_{56}O_8$
MW	616.8
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml), 100% ethanol (25mg/ml), acetone, ether or dimethyl formamide; almost insoluble in aqueous buffers.

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