

PMA / TPA

#Cat : NB-26-02146-1MG

Size: 1mg

#Cat : NB-26-02146

Size: 5mg

Catalog Number: NB-26-02146**Product Type:** Small Molecule**Bio-Activity:** PKC activator**CAS #:** 16561-29-8**Research Categories:** Cell death, stem cells, cancer**Chemical Name:** 12-O-Tetradecanoylphorbol-13-acetate**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).**Molecular Formula:** C₃₆H₅₆O₈**Purity:** > 98%**Molecular Weight:** 616.84**Format:** Wax**Ship Temp:** Ambient**Storage:** -20°C**Application Notes****Description/Data:**

Activates protein kinase C (10-100 ng/ml) [1]. May display PKC-independent effects in various cell types [2].

Warning: Skin irritant. Avoid contact with this compound [3].

References:

- 1) Saraiva et al. (2004), characterization of phorbol esters activity on individual mammalian protein kinase C isoforms, using the yeast phenotypic assay; Eur. J. Pharmacol., 491 101
- 2) Doerner et al. (1990), Protein kinase C-dependent and -independent effects of phorbol esters on hippocampal calcium channel current; J. Neurosci., 10 1699
- 3) Merck Index 14:7332

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