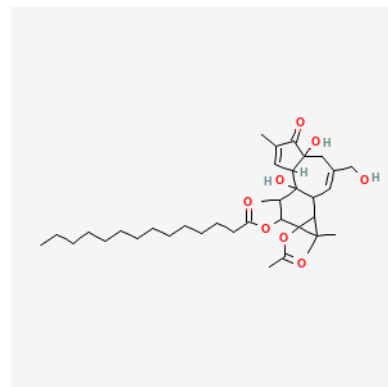


Catalog	Unit
TBI2165 - 1MG	1 mg
TBI2165 - 5MG	5 mg

Product Details

Formal Name: 12-O-Tetradecanoylphorbol-13-acetate
Alternate Names: Phorbol 12-myristate 13-acetate; PMA; TPA
Molecular Formula: C₃₆H₅₆O₈
Formula Weight: 616.84
CAS Number: 16561-29-8
Purity: >98%
Formulation: Wax
Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

PKC activator

Functions

Activates protein kinase C (10-100 ng/ml). May display PKC-independent effects in various cell types. Warning: Skin irritant. Avoid contact with this compound.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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