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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PMA

PKC kinase activator
Catalog No. SIH-508



Discovery through partnership | Excellence through quality

Overview

Product Name

PMA

Description

PKC kinase activator

Purity

99% (TLC)

CAS No.

16561-29-8

Molecular Formula

C₁₁H₁₈O₂

Molecular Weight

616.8

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Activator

Solubility

Soluble in DMSO (25 mg/ml), 100% ethanol (25 mg/ml), acetone, ether or dimethyl formamide; almost insoluble in aqueous buffers

Source

Synthetic

Appearance

Colorless amorphous film or foam

SMILES

O=C(OC41C(C2/C=C(/CO)CC3(O)C(O)C(=C/C3C2(O)C(C)C1OC(=O)CCCCCCCCCCCC)C)C4(C)C)C

InChI

InChI=1S/C36H56O8/c1-7-8-9-10-11-12-13-14-15-16-17-18-29(39)43-32-24(3)35(42)27(30-33(5,6)36(30,32)44-25(4)38)20-26(22-37)21-34(

41)28(35)19-23(2)31(34)40/h19-20,24,27-28,30,32,37,41-42H,7-18,21-22H2,

InChIKey

PHEDXBVPIONUQT-RGYGYFBISA-N

Safety Phrases

Classification:

Skin irritation (Category 2), H315

Safety Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Hazard statements:

H315 Causes skin irritation.

Precautionary statements:

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

Cite This Product

PMA (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-508)

Biological Description

Alternative Names

Phorbol 12-myristate 13-acetate

Research Areas

Cell Signaling

PubChem ID

27924

Scientific Background

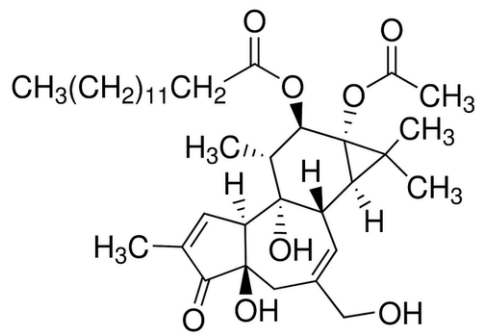
PMA (Phorbol 12-myristate 13-acetate) is a phorbol ester. It is used experimentally as a reversible protein kinase C (PKC) activator. It has been shown to be a potent tumor promoter.

References

1. Murphy T. V., Prountzos C., Kotsonis P., Iannazzo L., & Majewski H. (1999). Euro.J. Pharm. 381(1): 7784.
2. Castagna M., et al. (1982) J. Biol. Chem. 257(13): 78477851.

Product Images

Chemical structure of PMA (SIH-508), a PKC kinase activator. CAS #: 16561-29-8.
Molecular Formula: C₃₆H₅₈O₈. Molecular Weight: 616.8 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.