



LKT Laboratories, Inc.

4- α -Phorbol-12-myristate-13-acetate

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Product Information

Product ID P2858

CAS No. 63597-44-4

Chemical Name 4- α -12-Tetradecanoyl phorbol-13-acetate

Synonym 4- α PMA

Formula C₃₆H₅₆O₈

Formula Wt. 616.83

Melting Point

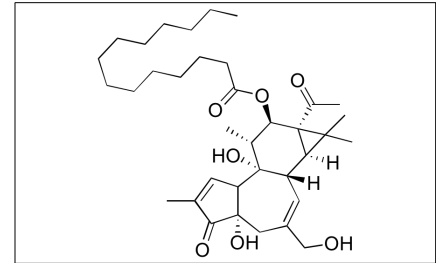
Purity \geq 98%

Solubility Soluble in DMSO, methanol, ethanol, ethyl acetate, or chloroform.

Store Temp -20° C

Ship Temp Ambient

Description 4- α -Phorbol-12-myristate-13-acetate (4- α -PMA) is an inactive compound used as a negative control in research models examining activation of PKC and other effects by PMA.



Bulk quantities available upon request

Product ID	Size
P2858	1 mg
P2858	5 mg

References Chahine M, Qu Y, Mancarella S, et al. Protein kinase C activation inhibits alpha1D L-type Ca channel: a single-channel analysis. *Pflugers Arch.* 2008 Feb;455(5):913-9. PMID: 17909852.

Tosco M, Orsenigo MN, Gastaldi G, et al. Protein kinase C regulation of rat jejunal transport system: mechanisms involved in lactate movement. *Exp Physiol.* 2002 Nov;87(6):653-62. PMID: 12530398.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.