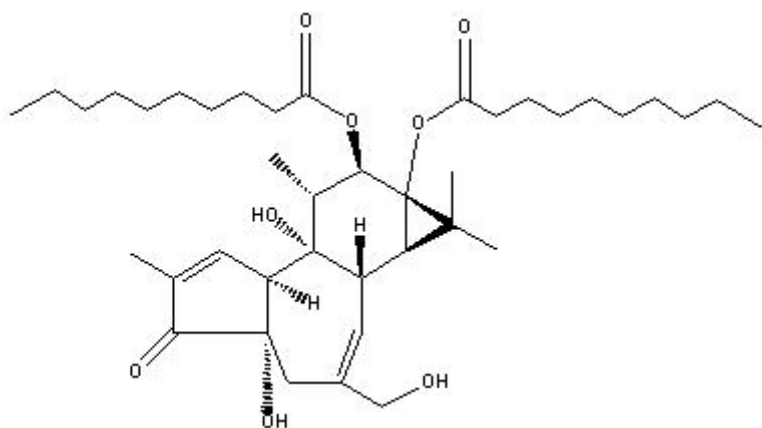


TECHNICAL INFORMATION

Catalog Number: 151861

4-alpha-Phorbol-12,13-didecanoate

Structure:



Molecular Formula: C₄₀H₆₄O₈

Molecular Weight: 672.9

CAS # : 27536-56-7

Synonyms: 4 a-PDD, 4a-Phorbol 12,13-didecanoate

Physical Appearance: Clear or whitish film adhered to inside of vial

Description: Standard negative control for phorbol-12,13-didecanoate

Solubility: Soluble in DMSO, methanol, ethanol, acetone, ether and DMF.

Stock solution cannot be made in aqueous media. Compound must be dissolved in an organic solvent prior to dilution into aqueous media. 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 media.

References:

- *Cancer Res.*, **39**, 2644-2646 (1979)
- *J. Biol. Chem.*, **277**, 13569-13577 (2002)