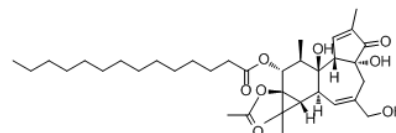


Product Name : Phorbol 12-myristate 13-acetate
Cat. No. : PC-45546
CAS No. : 16561-29-8
Molecular Formula : C₃₆H₅₆O₈
Molecular Weight : 616.825
Target : PKC
Solubility : DMSO: ≥ 62 mg/mL



Biological Activity

Phorbol 12-myristate 13-acetate (PMA) is a **PKC** activator, including group A (α , β I, β II, γ) and group B (δ , ϵ , η , θ) isoforms. Phorbol 12-myristate 13-acetate (PMA) is a potent tumor promoter often employed in biomedical research.

References

- Xu F, et al. *Br J Pharmacol*. 2003 Sep;140(2):413-21.
Blumberg PM, et al. *Cancer Res*. 1988 Jan 1;48(1):1-8.
Niedel JE, et al. *Proc Natl Acad Sci U S A*. 1983 Jan;80(1):36-40.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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