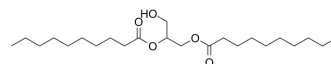


1,2-Didecanoylglycerol

Cat. No.:	HY-115769
CAS No.:	17863-69-3
Molecular Formula:	C ₂₃ H ₄₄ O ₅
Molecular Weight:	400.59
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description 1,2-Didecanoylglycerol, a synthetic diacylglycerol, is metabolized by platelets to 1,2-didecanoylphosphatidic acid (PA₁₀) and activates protein kinase C (PKC)^{[1][2]}.

REFERENCES

- [1]. Lapetina EG. Incorporation of synthetic 1,2-diacylglycerol into platelet phosphatidylinositol is increased by cyclic AMP. FEBS Lett. 1986;195(1-2):111-114.
- [2]. Negro-Vilar A, et al. 1,2-Didecanoylglycerol and phorbol 12,13-dibutyrate enhance anterior pituitary hormone secretion in vitro. Endocrinology. 1985;117(4):1559-1564.

Caution: Product has not been fully validated for medical applications. For research use only.

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