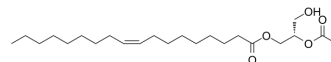


## 1-Oleoyl-2-acetyl-sn-glycerol

Cat. No.:	HY-131648
CAS No.:	86390-77-4
Molecular Formula:	C <sub>23</sub> H <sub>42</sub> O <sub>5</sub>
Molecular Weight:	398.58
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Solution, -20°C, protect from light, 2 years



### BIOLOGICAL ACTIVITY

**Description** 1-Oleoyl-2-acetyl-sn glycerol is a synthetic, cell permeable diacylglycerol analog. 1-Oleoyl-2-acetyl-sn glycerol activates calcium-dependent protein kinase C (PKC) and induces the superoxide-production.

### REFERENCES

- [1]. Fujita I, Irita K, Takeshige K, Minakami S. Diacylglycerol, 1-oleoyl-2-acetyl-glycerol, stimulates superoxide-generation from human neutrophils. *Biochem Biophys Res Commun.* 1984;120(2):318-324.
- [2]. Martin AC, Cooper DM. Capacitative and 1-oleyl-2-acetyl-sn-glycerol-activated Ca(2+) entry distinguished using adenylyl cyclase type 8. *Mol Pharmacol.* 2006;70(2):769-777.

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

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