



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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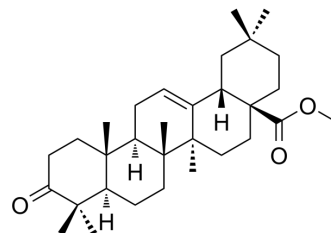
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Methyl oleanonate

Cat. No.:	HY-N7624		
CAS No.:	1721-58-0		
Molecular Formula:	C ₃₁ H ₄₈ O ₃		
Molecular Weight:	468.71		
Target:	PPAR		
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.5 mg/mL (5.33 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1335 mL	10.6676 mL	21.3352 mL
5 mM	0.4267 mL	2.1335 mL	4.2670 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Methyl oleanonate is a natural triterpene PPAR γ agonist isolated from the species of Pistacia lentiscus var. Chia^[1]. Methyl oleanonate is a modified oleanolic acid derivative with anti-cancer effects^[2].

IC₅₀ & Target

PPAR γ

REFERENCES

[1]. Rasmus K Petersen, et al. Pharmacophore-driven identification of PPAR γ agonists from natural sources. J Comput Aided Mol Des. 2011 Feb;25(2):107-16.

[2]. Barbara Bednarczyk-Cwynar, et al. Anticancer effect of A-ring or/and C-ring modified oleanolic acid derivatives on KB, MCF-7 and HeLa cell lines. Org Biomol Chem. 2012 Mar 21;10(11):2201-5

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

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