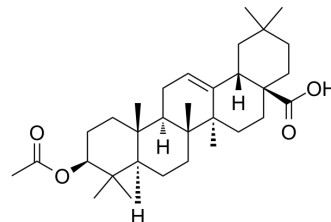


3-O-Acetyloleanolic acid

Cat. No.:	HY-N2618
CAS No.:	4339-72-4
Molecular Formula:	C ₃₂ H ₅₀ O ₄
Molecular Weight:	498.74
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2 mg/mL (4.01 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.0051 mL	10.0253 mL	20.0505 mL	
5 mM	---	---	---	
10 mM	---	---	---	

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

BIOLOGICAL ACTIVITY

Description

3-O-Acetyloleanolic acid (3AOA), an oleanolic acid derivative isolated from the seeds of *Vigna sinensis* K., induces in cancer and also exhibits anti-angiogenesis activity^[1].

IC₅₀ & Target

Apoptosis^[1].

REFERENCES

[1]. Yoo KH, et al. 3-O-acetyloleanolic acid induces apoptosis in human colon carcinoma HCT-116 cells. *Phytother Res.* 2012 Oct;26(10):1541-6.

[2]. Hwang-Bo J, et al. 3-O-Acetyloleanolic acid inhibits VEGF-A-induced lymphangiogenesis and lymph node metastasis in an oral cancer sentinel lymph node animal model. *BMC Cancer.* 2018 Jul 5;18(1):714.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA