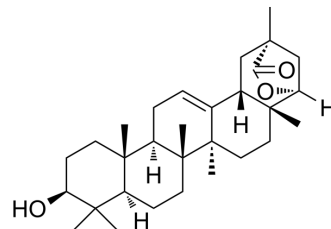


Wilforlide A

Cat. No.:	HY-N0476		
CAS No.:	84104-71-2		
Molecular Formula:	C ₃₀ H ₄₆ O ₃		
Molecular Weight:	454.68		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1 mg/mL (2.20 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1993 mL	10.9967 mL	21.9935 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Wilforlide A is a bioactive triterpene isolated from *Tripterygium wilfordii* Hook f. Wilforlide A has anti-inflammatory and immune suppressive effects^[1].

In Vivo

Wilforlide A (60-300 µg/kg) markedly inhibits mice auricular swelling induced by dimethylbenzene in ICR mice. Wilforlide A exhibits inhibition rates with 50.9% and 12.29% for high dose and low dose Wilforlide A, respectively^[1]. Wilforlide A (30-150 µg/kg) markedly inhibits rat granulation induced by tampon^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mei Xue, et al. Comparative study on the anti-inflammatory and immune suppressive effect of Wilforlide A. *Fitoterapia*

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

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