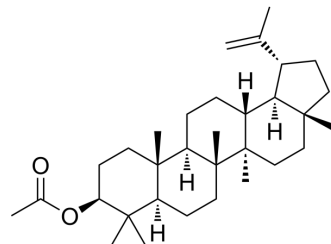


Lupeol acetate

Cat. No.:	HY-126114		
CAS No.:	1617-68-1		
Molecular Formula:	C ₃₂ H ₅₂ O ₂		
Molecular Weight:	468.75		
Target:	COX; Interleukin Related		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : ≥ 2 mg/mL (4.27 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1333 mL	10.6667 mL	21.3333 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Lupeol acetate, a derivative of Lupeol, suppresses the progression of rheumatoid arthritis (RA) by inhibiting the activation of macrophages and osteoclastogenesis through downregulations of TNF-α, IL-1β, MCP-1, COX-2, VEGF and granzyme B^[1].

IC₅₀ & Target

IL-1

REFERENCES

[1]. Wang WH, et al. Lupeol acetate ameliorates collagen-induced arthritis and osteoclastogenesis of mice through improvement of microenvironment. Biomed Pharmacother. 2016;79:231-240.

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

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