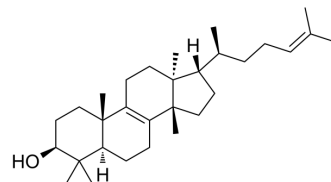


Tirucallol

Cat. No.:	HY-N2556
CAS No.:	514-46-5
Molecular Formula:	C ₃₀ H ₅₀ O
Molecular Weight:	426.72
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (23.43 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.3435 mL	11.7173 mL	23.4346 mL
	5 mM	0.4687 mL	2.3435 mL	4.6869 mL
	10 mM	0.2343 mL	1.1717 mL	2.3435 mL

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

BIOLOGICAL ACTIVITY

Description

Tirucallol, a tetracyclic triterpene, is isolated from *Euphorbia lactea* latex. Tirucallol has topical anti-inflammatory effect. Tirucallol can suppress ear edema in the mouse model and inhibit nitrite production in lipopolysaccharide-stimulated macrophages^[1].

REFERENCES

[1]. Fernandez-Arche A, et, al. Topical anti-inflammatory effect of tirucallol, a triterpene isolated from *Euphorbia lactea* latex. *Phytomedicine*. 2010 Feb;17(2):146-8.

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

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