



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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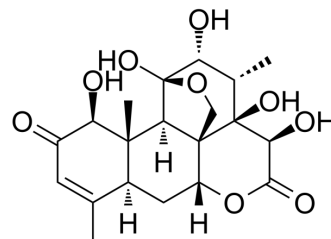
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13,21-Dihydroeurycomanone

Cat. No.:	HY-N9320
CAS No.:	129587-06-0
Molecular Formula:	C ₂₀ H ₂₆ O ₉
Molecular Weight:	410.42
Target:	Parasite
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (243.65 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4365 mL	12.1826 mL	24.3653 mL
	5 mM		0.4873 mL	2.4365 mL	4.8731 mL
	10 mM		0.2437 mL	1.2183 mL	2.4365 mL

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

BIOLOGICAL ACTIVITY

Description

13,21-Dihydroeurycomanone, a natural compound isolated from *Eurycoma longifolia* root, possesses anti-parasite activity for *Plasmodium falciparum* and *Toxoplasma gondii*^{[1][2]}.

IC₅₀ & Target

Plasmodium

Toxoplasma

REFERENCES

- [1]. Walther H Wernsdorfer, et al. Activity of *Eurycoma longifolia* root extract against *Plasmodium falciparum* in vitro. *Wien Klin Wochenschr.* 2009 Oct;121 Suppl 3:23-6.
- [2]. Nowroji Kavitha, et al. In vitro anti-*Toxoplasma gondii* activity of root extract/fractions of *Eurycoma longifolia* Jack. *BMC Complement Altern Med.* 2012 Jul 10;12:91.

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

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