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Produktinformation



Forschungsprodukte & Biochemikalien



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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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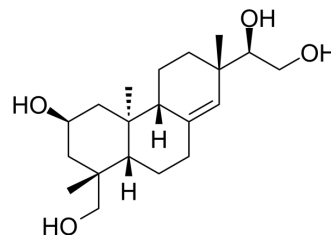
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Kirenol

Cat. No.:	HY-N0559
CAS No.:	52659-56-0
Molecular Formula:	C ₂₀ H ₃₄ O ₄
Molecular Weight:	338.48
Target:	Others
Pathway:	Others
Storage:	-20°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 (295.44 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9544 mL	14.7719 mL	29.5438 mL
	5 mM	0.5909 mL	2.9544 mL	5.9088 mL
	10 mM	0.2954 mL	1.4772 mL	2.9544 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 3.25 mg/mL (9.60 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 3.25 mg/mL (9.60 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 3.25 mg/mL (9.60 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Kirenol is isolated from *Siegesbeckia orientalis* with anti-inflammatory and analgesic activity^[1].

REFERENCES

[1]. Jian-ping Wang, et al. Topical anti-inflammatory and analgesic activity of kirenol isolated from *Siegesbeckia orientalis*, Journal of Ethnopharmacology, Volume 137, Issue 3, 2011, Pages 1089-1094, ISSN 0378-8741.

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

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