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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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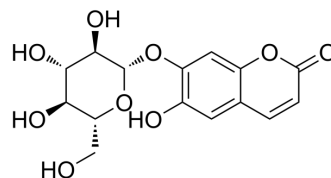
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Cichoriin

Cat. No.:	HY-N8599
CAS No.:	531-58-8
Molecular Formula:	C ₁₅ H ₁₆ O ₉
Molecular Weight:	340.28
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (293.88 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	2.9388 mL	14.6938 mL
5 mM	0.5878 mL	2.9388 mL	5.8775 mL		
10 mM	0.2939 mL	1.4694 mL	2.9388 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: ≥ 2.5 mg/mL (7.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.35 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.35 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Cichoriin is an active compounds against SARS-CoV-2, and may be a potential candidate in researching severe COVID-19^[1].

REFERENCES

- [1]. Rivero-Segura NA, Gomez-Verjan JC. In Silico Screening of Natural Products Isolated from Mexican Herbal Medicines against COVID-19. Biomolecules. 2021;11(2):216. Published 2021 Feb 4.

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

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