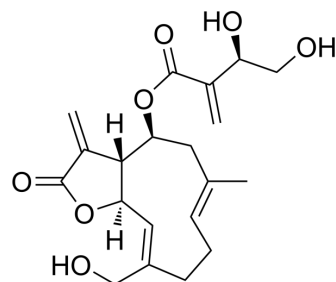


Cnicin

Cat. No.:	HY-137984
CAS No.:	24394-09-0
Molecular Formula:	C ₂₀ H ₂₆ O ₇
Molecular Weight:	378.42
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cnicin is a sesquiterpene lactone. Cnicin has antiproliferative effects, and induces cell death in primary myeloma cells. Cnicin also has anti-SARS-CoV-2 activity. Cnicin inhibits viral replication of SARS CoV-2 with an IC₅₀ of 1.18 µg/mL^[1].

REFERENCES

- [1]. Jöhrer K, et al. Antimyeloma activity of the sesquiterpene lactone cnicin: impact on Pim-2 kinase as a novel therapeutic target. *J Mol Med (Berl)*. 2012 Jun;90(6):681-93.
- [2]. Alhadrami HA, et al. Cnicin as an Anti-SARS-CoV-2: An Integrated In Silico and In Vitro Approach for the Rapid Identification of Potential COVID-19 Therapeutics. *Antibiotics (Basel)*. 2021 May 7;10(5):542.

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

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