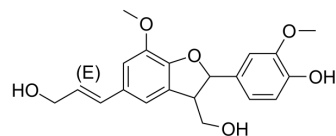


(E)-Dehydrodiconiferyl alcohol

Cat. No.:	HY-N2682A
CAS No.:	528814-97-3
Molecular Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(E)-Dehydrodiconiferyl alcohol behaves as good hCA IX and hCA XII dual inhibitors^[1]. And (E)-Dehydrodiconiferyl alcohol suppresses the NF-κB nuclear translocation in connective tissue of healing area^[2].

REFERENCES

[1]. Costa G, et al. In Silico Identification and Biological Evaluation of Antioxidant Food Components Endowed with IX and XII hCA Inhibition. *Antioxidants* (Basel). 2020;9(9):775. Published 2020 Aug 21.

[2]. Hu X, et al. Dehydrodiconiferyl alcohol from *Silybum marianum* (L.) Gaertn accelerates wound healing via inactivating NF-κB pathways in macrophages. *J Pharm Pharmacol*. 2020;72(2):305-317.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA