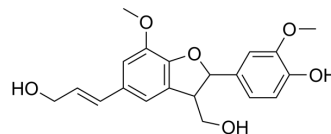


Dehydrodiconiferyl alcohol

Cat. No.:	HY-N2682B
CAS No.:	4263-87-0
Molecular Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dehydrodiconiferyl alcohol is an estrogen receptor agonist that can promote BMP-2-induced osteoblastogenesis. Dehydrodiconiferyl alcohol also exerts anti-inflammatory activity through inactivation of NF-κB pathways^{[1][2]}.

REFERENCES

[1]. Lee W, et, al. Dehydrodiconiferyl alcohol promotes BMP-2-induced osteoblastogenesis through its agonistic effects on estrogen receptor. *Biochem Biophys Res Commun.* 2018 Jan 15;495(3):2242-2248.

[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 Feb;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