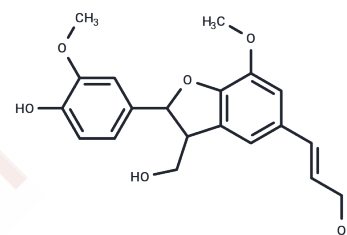


Dehydrodiconiferyl alcohol

Chemical Properties

CAS No. :	4263-87-0
Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Storage:	Keep away from direct sunlight,Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Dehydrodiconiferyl alcohol (DHCA) is a lignan isolated from calabash that inhibits osteoclast differentiation and oophorectomy induced bone loss by acting as an estrogen receptor agonist.
Targets(IC50)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- 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.
- 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481