

Product Data Sheet

Product Name: Anhydrosecoisolariciresinol

Cat. No.: GC35357

Chemical Properties

Cas. No. 29388-33-8

SMILES COC1=C(O)C=CC(C[C@@H]2[C@H](COC2)CC3=CC(OC)=C(O)C=C3)=C1

Formula $C_{20}H_{24}O_5$

M.Wt 344.4

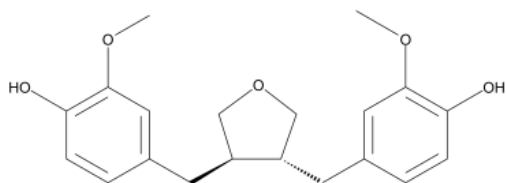
Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Anhydrosecoisolariciresinol is from the flower of *Wedelia biflora*, has anti-tumor activities[1]. Anhydrosecoisolariciresinol decreases the growth of human breast cancer MCF-7 and MDA-MB-231 cell lines[2].

[1]. Thu NT, et al. Six new phenolic glycosides and a new ceramide from the flowers of *Wedelia biflora* and their cytotoxicity against some cancer cell lines. *Nat Prod Commun.* 2013 Mar;8(3):367-72. [2]. Lehraiki A, et al. Extraction of lignans from flaxseed and evaluation of their biological effects

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

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