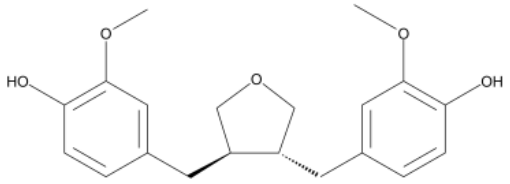
Product Data Sheet

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

on breast cancer MCF-7 and MDA-MB-231 cell lines. J Med Food. 2010 Aug;13(4):834-41.