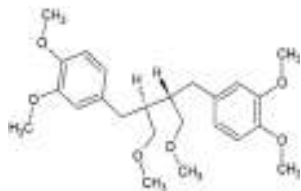


Phyllanthin

ALTERNATE NAME: (2S,3S)-(+)-1,4-Dimethoxy-2,3-diveratrylbutane
NSC-619043

CATALOG #: B2777-1 1 mg
B2777-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₄O₆

MOLECULAR WEIGHT: 418.52

CAS NUMBER: 10351-88-9

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Phyllanthin is a major bioactive lignan found in many Phyllanthus species. It displays various biochemical and pharmacological properties especially on its hepatoprotective effects. It scavenges DPPH radicals with an IC₅₀ value of 7.4 μM and, at 30 μM, has been shown to alleviate carbon tetrachloride-induced lipid peroxidation and cytotoxicity in a human hepatoma HepG2 cell line.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Garcinol (2088)
CAY10669 (B2806)
Chrysophanol (B2181)
Shikonin (B1056)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*