

Podofilox

Catalog No: tcsc1185



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

518-28-5

Formula:

$C_{22}H_{22}O_8$

Pathway:

Cell Cycle/DNA Damage;Cytoskeleton

Target:

Microtubule/Tubulin;Microtubule/Tubulin

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (241.31 mM)

Alternative Names:

Podophyllotoxin

Observed Molecular Weight:

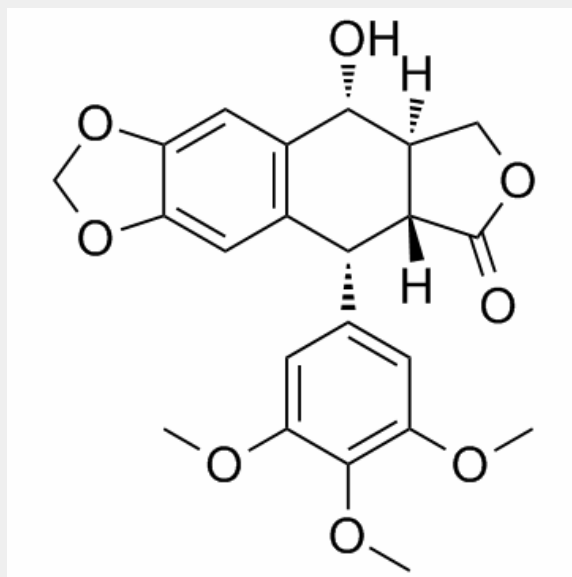
414.41

Product Description

Podofilox (Podophyllotoxin) is a potent inhibitor of microtubule assembly and DNA topoisomerase II.

IC50 & Target: Topoisomerase II; Microtubule/Tubulin

In Vitro: Podophyllotoxin, a kind of non-alkaloid toxin lignan extracted from the roots and rhizomes of Podophyllum plant, has been shown to inhibit the growth of various carcinoma cells. Podophyllotoxin is a natural product that inhibits the polymerization of tubulin and has served as a prototype for the development of diverse antitumor agents in clinical use.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!