

Podophyllotoxin

Catalog No: #S1121

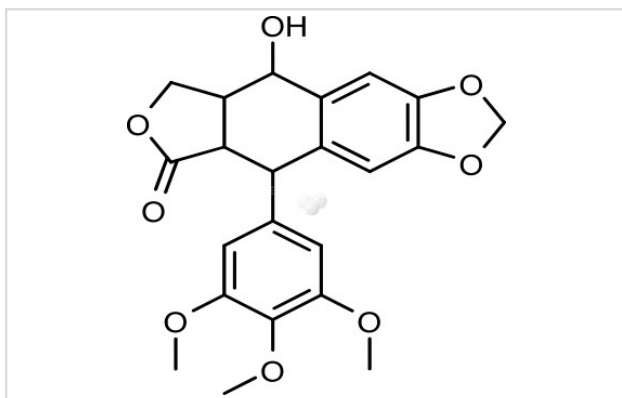
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Description

Product Name	Podophyllotoxin
Brief Description	Inhibitors
Purification	98.00%
Target Name	Microtubule Associated inhibitor; Topoisomerase inhibitor
Calculated MW	414.41
Formulation	C22H22O8
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: COC1=CC(=CC(=C1OC)OC)[C@H]2[C@@H]3[C@H](COC3=O)[C@H](C4=CC5=C(C=C24)OCO5)O
 Pathways: Cytoskeletal Signaling; DNA Damage/DNA Repair
 Receptor: microtubule; Topo II
 Boiling pt: 597.9°C
 Melting pt: 183-184°C
 Solubility: DMSO: 10 mM
 Appearance: White Powder
 Remark: 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 month.

References

1. Zhang YL, et al. J Nat Prod. 1992 Aug; 55(8):1100-11.

Note: This product is for in vitro research use only