



Product Information

Eupalinilide B

Cat. No.: X22-05-ZQ364

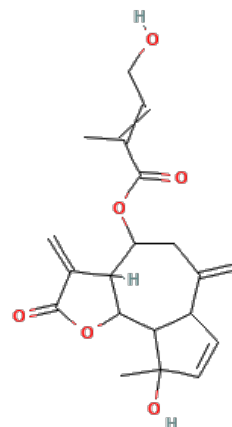
Size: 10 mg; 20 mg; 50 mg; 100 mg

CAS Number: 757202-08-7

Compound CID: 72767078

Synonym: 757202-08-7; Eupalinilide b; (9-Hydroxy-9-methyl-3,6-dimethylidene-2-oxo-3a,4,5,6a,9a,9b-hexahydroazuleno[4,5-b]furan-4-yl) 4-Hydroxy-2-methylbut-2-enoate

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Eupalinilide B is a guaianolide-type sesquiterpene lactone that can be found in <i>Eupatorium lindleyanum</i> . Eupalinilide B shows potent cytotoxicity against P-388 and A-549 tumor cell lines. This product can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Molecular Weight	360.16
Molecular Formula	C ₂₀ H ₂₄ O ₆
IUPAC Name	(9-Hydroxy-9-methyl-3,6-dimethylidene-2-oxo-3a,4,5,6a,9a,9b-hexahydroazuleno[4,5-b]furan-4-yl) 4-Hydroxy-2-methylbut-2-enoate
InChI	InChI=1S/C20H24O6/c1-10(6-8-21)18(22)25-14-9-11(2)13-5-7-20(4,24)16(13)17-15(14)12(3)19(23)26-17/h5-7,13-17,21,24H,2-3,8-9H2,1,4H3
InChI Key	HCGYMFPNEDDKQY-UHFFFAOYSA-N
Canonical SMILES	CC(=CCO)C(=O)OC1CC(=C)C2C=CC(C2C3C1C(=C)C(=O)O3)(C)O
Source	<i>Eupatorium lindleyanum</i>
Form	White solid
Purity	≥95%, determined by HPLC.
Solubility	It is soluble in chloroform, ethyl acetate, dimethylsulfoxide and other solvents, but insoluble in water.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Eupalinilide B can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask