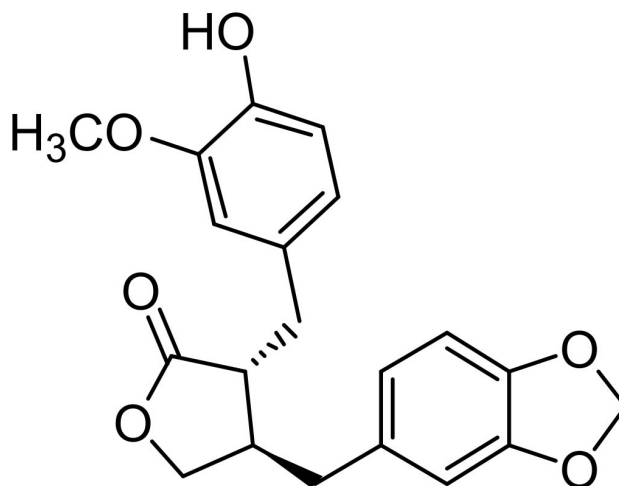


Pluviatolide

Code No.: BIA-P1763

Pack sizes.: 1mg, 5mg



Synonyms:
(-)-Pluviatolide

Specifications

CAS #	: 28115-68-6
Molecular Formula	: C20H20O6
Molecular Weight	: 356.37
Source	: -
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Pluviatolide is a butyrolactone lignan first isolated from the Australian native plant, *Zanthoxylum pluviatile*, by Taylor and Ritchie in 1970. More recently, pluviatolide and the related hinokinin were reported as metabolites of the vine, *Aristolochia constricta*, and subsequently other genus. Pluviatolide exhibits antispasmodic effects, however its pharmacology has received little attention.

References

1. Chemical constituents of Australian *Zanthoxylum* species. V. Constituents of *Z. [Zanthoxylum] pluviatile*; the structures of two new lignans. Corrie J.E. et al., *Aust. J. Chem.* 1970, 23, 133
2. Chemical constituents of *Aristolochia constricta*: antispasmodic effects of its constituents in guinea-pig ileum and isolation of a diterpeno-lignan hybrid. Zhang G. et al., *J. Nat. Prod.* 2008, 71, 1167.