
Product Data Sheet

Product Name: Picropodophyllone

Cat. No.: GC61185

Chemical Properties

Cas. No. 477-48-5

SMILES O=C1[C@@]([C@]2([H])CO1)([H])[C@@](C(C=C3OC)=CC(OC)=C3OC)([H])C4=CC(OCO5)=C5C=C4C2=OFormula C₂₂H₂₀O₈

M.Wt 412.39

Solubility DMSO : 100 mg/mL (242.49 mM; Need ultrasonic) Storage Store at -20°C

General tips 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 months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Picropodophyllone, an aryltetralin lignan, is isolated from leaves of Podophyllum hexandrum, and has antifungal activities[1][2].

[1]. Yin ML, et, al. [Chemical constituents of Dysosma aurantiocaulis (H.-M.) Hu and Dysosma pleianthum Woods]. Zhongguo Zhong Yao Za Zhi. 1989 Jul; 14(7): 420-1, 447.

[2]. Atta-ur-Rahman, et, al. Antifungal aryltetralin lignans from leaves of Podophyllum hexandrum. Phytochemistry. 1995 Sep; 40(2): 427-431.

Caution: Product has not been fully validated for medical applications. For research use only.

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