

Product Data Sheet

Product Name: Methysticin

Cat. No.: GC41373

Chemical Properties

Cas. No. 495-85-2

SMILES COC(C[C@H](/C=C/C1=CC=C(OCO2)C2=C1)O3)=CC3=O

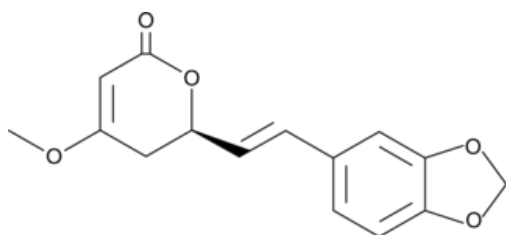
Formula C₁₅H₁₄O₅ M.Wt 274.3

Solubility DMF: 2.5 mg/mL, DMSO: 5 mg/mL, DMSO:PBS (pH 7.2) (1:6): 0.14 mg/mL, Ethanol: 1 mg/mL
Storage 4°C, protect from light

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

Methysticin is a natural kavalactone from the kava plant, *P. methysticum*. It enhances the binding of bicuculline methochloride at the γ -aminobutyric acid (GABA) receptor GABAA at 0.1 μ M. Methysticin inhibits the cytochrome P450 (CYP) isoforms CYP2C9 and CYP2D6.

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

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