
Product Data Sheet

Product Name: Ombuin
Cat. No.: GC60276

Chemical Properties

Cas. No. 529-40-8

SMILES O=C1C2=C(O)C=C(OC)C=C2OC(C3=CC(O)=C(OC)C=C3)=C1O

Formula $C_{17}H_{14}O_7$ M.Wt 330.29

Solubility DMSO : 100 mg/mL (302.76 mM; Need ultrasonic) Storage

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

Ombuin, isolated from *Zanthoxylum armatum*, displays broad spectrum antibacterial effect with MIC ranges from 125 to 500 µg/mL[1].

[1]. Nooreen Z, et al. Characterization and evaluation of bioactive polyphenolic constituents from *Zanthoxylum armatum* DC., a traditionally used plant. *Biomed Pharmacother.* 2017 May;89:366-375.

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

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