

Product Data Sheet

Product Name: Gomisin D

Cat. No.: GC36176

Chemical Properties

Cas. No. 60546-10-3

SMILES COC1=C(OC)C(OC)=CC2=C1C3=C(CC(C)C(C)(O)C2O4)C=C(OCO5)C5=C3OCC(C)C(C)(O)C4=O

Formula $C_{28}H_{34}O_{10}$

M.Wt 530.56

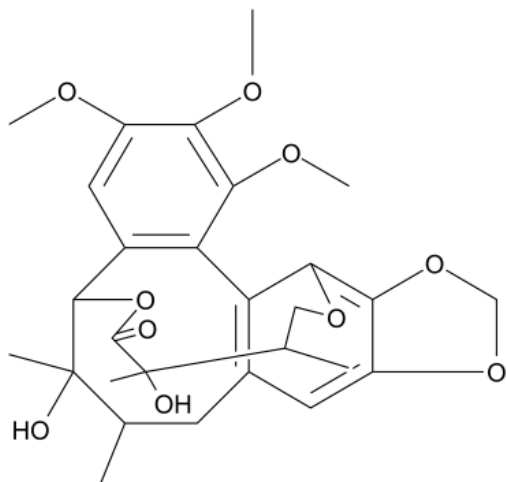
Solubility DMSO: 10mM

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

Gomisin D, a lignan compound isolated from Fructus Schisandra, is a potential antidiabetic and anti-Alzheimer's agent. Gomisin D inhibits UDP-Glucuronosyltransferases activity and scavenges ABTS(+) radicals. Gomisin D is used as a quality marker of Shengmai San and shenqi Jiangtang Granule[1]. UDP-Glucuronosyltransferases[1]

[1]. Zheng X, et al. A Rapid UPLC-MS Method for Quantification of Gomisin D in Rat Plasma and Its

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

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Application to a Pharmacokinetic and Bioavailability Study. Molecules. 2019 Apr 10;24(7).

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