

Product Data Sheet

Product Name: Gomisin E

Cat. No.: GC60178

Chemical Properties

Cas. No. 72960-21-5

SMILES COC1=C(OC)C(OC)=CC2=C1C(C(C[C@H](C)[C@H](C)[C@H]2O3)=CC4=C5OCO4)=C5OC[C@@H](C)[C@](O)(C)C3=O

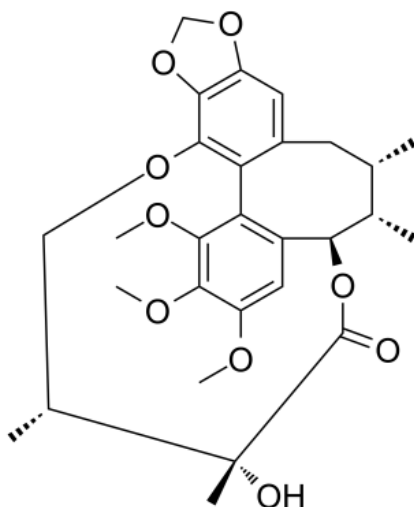
Formula $C_{28}H_{34}O_9$ M.Wt 514.56

Solubility 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

Gomisin E, a dibenzocyclooctadiene lignan isolated from the fruits of *Schizandra chinensis*, inhibits NFAT transcription with an IC_{50} of 4.73 μM [1][2].

[1]. YUKINOBU IKEYA, et al. The Constituents of *Schizandra chinensis* BAILL. V. The Structures of Four New Lignans, Gomisin N, Gomisin O, Epigomisin O and Gomisin E, and Transformation of Gomisin N to Deangeloylgomisin B. [2]. Im Seon Lee, et al. Lignans with Inhibitory Activity against

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

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NFAT Transcription from Schisandra chinensis.

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