

Gomisin H

Chemical Properties

CAS No. : 66056-20-0

Formula: C₂₃H₃₀O₇

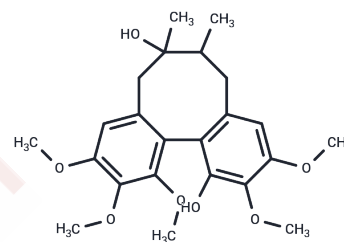
Molecular Weight: 418.49

Storage:

Keep away from direct sunlight, Keep away from moisture, Store under nitrogen, The compound is unstable in solution. Please use soon

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Gomisin H is a natural product originating from Schizandra chinensis, a widely applied traditional Chinese medicinal herb renowned for anti-inflammatory efficacy. Contemporary studies further describe Gomisin H as possessing antioxidant, neuroprotective, hepatoprotective, antibacterial, antiviral, antidiabetic, and anticancer activities, while belonging to the class of organic hydrolyzable tannins, thereby contributing significantly to its broad spectrum of medicinal applications.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: ≥ 40 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3895 mL	11.9477 mL	23.8954 mL
5 mM	0.4779 mL	2.3895 mL	4.7791 mL
10 mM	0.239 mL	1.1948 mL	2.3895 mL
50 mM	0.0478 mL	0.239 mL	0.4779 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

YUKINOBU IKEYA, et al. The constituents of *Schizandra chinensis* Baill. III. The structures of four new lignans, gomisin H and its derivatives, angeloyl-, tigloyl- and benzoyl-gomisin H. *Chemical & Pharmaceutical Bulletin*, 2008, 27 (7) :1576-1582.

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