

Catalog Number: CM04947

## 产品信息

**Catalog Number:**  
CM04947

**CAS号:**  
66280-25-9

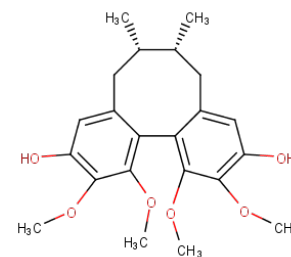
**分子式:**  
C<sub>22</sub>H<sub>28</sub>O<sub>6</sub>

**主要靶点:**  
AMPK|Calcium Channel

**主要通路:**  
离子通道|PI3K/Akt/mTOR信号通路|表观遗传|代谢

**分子量:**  
388.46

**溶解度:**  
DMSO:50 mg/mL (128.71 mM)



## 体外活性

Gomisin J attenuated lipid accumulation in OA-induced HepG2 cells. It also suppressed the expression of lipogenic enzymes and inflammatory mediators and increased the expression of lipolytic enzymes in OA-induced HepG2 cells. Furthermore, the use of specific inhibitors and fetuin-A siRNA and liver kinase B1 (LKB1) siRNA transfected cells demonstrated that gomisin J regulated lipogenesis and lipolysis via inhibition of fetuin-A and activation of an AMP-activated protein kinase (AMPK)-dependent pathway in HepG2 cells[1].

## 描述

Gomisin J is a natural product and have vasodilatory activity. Gomisin J suppresses lipid accumulation by regulating the expression of lipogenic and lipolytic enzymes and inflammatory molecules through activation of AMPK, LKB1 and Ca<sup>2+</sup>/calmodulin-dependent protein kinase II and inhibition of fetuin-A in HepG2 cells.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years