

Catalog Number: CM05862

## 产品信息

**Catalog Number:**  
CM05862

**CAS号:**  
60976-49-0

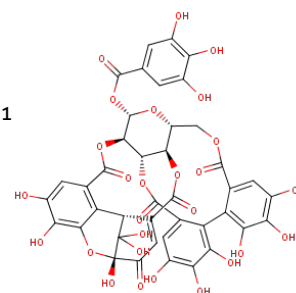
**分子式:**  
C<sub>41</sub>H<sub>28</sub>O<sub>27</sub>

**主要靶点:**  
Antioxidant|TNF

**主要通路:**  
凋亡|氧化还原

**分子量:**  
952.64

**溶解度:**  
Pyridine, Methanol,  
etc.: Soluble, Ethanol: Soluble, DMSO: 91  
mg/mL (95.5 mM)



## 靶点活性

TNF- $\alpha$ : 43  $\mu$ M.

## 描述

1. Geraniin has a protective effect against OVX-induced rat osteoporosis. 2. Geraniin has cytotoxic activity towards cancer cells in vitro and in vivo. 3. Geraniin exerts inhibitory effects on osteoclast differentiation in vitro and suppresses Ti particle-induced osteolysis in vivo, is a potential natural compound for the treatment of wear particle induced osteolysis in prostheses failure. 4. Geraniin has anti-oxidant activity, induces Nrf2-mediated expression of antioxidant enzymes HO-1 and NQO1, presumably via PI3K/AKT and ERK1/2 signaling pathways, thereby protecting cells from H<sub>2</sub>O<sub>2</sub>-induced oxidative cell death. 5. Geraniin presents radioprotective effects by regulating DNA damage on splenocytes, exerting immunostimulatory capacities and inhibiting apoptosis of radiosensitive immune cells and jejunal crypt cells.

## 储存

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