

Catalog Number: CM11632

产品信息

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CM11632

CAS号:
491-71-4

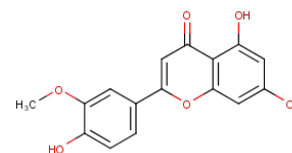
分子式:
C₁₆H₁₂O₆

主要靶点:
Akt|p38 MAPK|ERK

主要通路:
细胞骨架|PI3K/Akt/mTOR信号通路|MAPK信号通路

分子量:
300.3

溶解度:
DMSO:50 mg/mL (166.52 mM)



体外活性

Chrysoeriol significantly inhibited PDGF (20 ng/mL)-induced migration and [(3)H]-thymidine incorporation into DNA at concentrations of 5 and 10 microM without any cytotoxicity. Chrysoeriol also blocked PDGF-stimulated dissociation of actin filament and inhibited PDGF beta-receptor (Rbeta) phosphorylation in a concentration-dependent manner. As a result, the downstream signal transduction pathways of PDGF-Rbeta, including ERK1/2, p38, and Akt phosphorylation, were also inhibited by Chrysoeriol in the same pattern[1]

描述

Chrysoeriol has antioxidant, antiinflammatory, antitumor, antimicrobial, antiviral, and free radical scavenging activities, it also shows selective bronchodilator effect.

储存

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