

Catalog Number: CM15402

产品信息

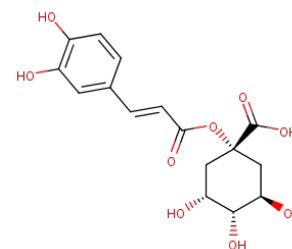
Catalog Number:
CM15402

CAS号:
1241-87-8

分子式:
C₁₆H₁₈O₉
主要靶点:
NF-κB

主要通路:
NF-κB信号通路

分子量:
354.31

溶解度:
DMSO:9 mg/mL (25.4 mM)


靶点活性

1-Caffeoylquinic acid:Ki: 0.002 μM

体外活性

Thirteen phenolic compounds (3-caffeoylquinic acid, 5-caffeoylquinic acid, 1-Caffeoylquinic acid, 5-p-coumaroylquinic acid, isoorientin-2''-O-rhamnoside, isoorientin, orientin-2''-O-rhamnoside, orientin, 1-p-coumaroylquinic acid, vitexin-2''-O-rhamnoside, isovitexin-2''-O-rhamnoside, vitexin and isovitexin) were identified in *T. hemsleyanum* leaves for the first time, and six of them were quantified using a combination of LC-QTOF-MS and LC-QqQ-MS techniques. It was found that 80% methanol extract exhibited the highest antioxidant activities.

描述

1-Caffeoylquinic acid is an important intermediate in lignin biosynthesis. 1-Caffeoylquinic acid has anti-influenza, and antioxidant activities, it also slows the release of glucose into the bloodstream after a meal.

储存

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