

For Research Use Only

4'-Hydroxy-2,4-dimethoxychalcone



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Catalog Number: CM13135

产品信息

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CM13135

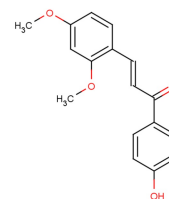
分子量:
284.31

CAS号:
151135-64-7

分子式:
C₁₇H₁₆O₄

主要靶点:
Antibacterial|Antifungal|Parasite

主要通路:
微生物学



体外活性

4'-Hydroxy-2,4-dimethoxychalcone (compound 2) is against *P.falciparum* D6 and W2 with IC₅₀ was 4.2 μM and 4.8 μM, respectively.[1]

体内活性

4'-Hydroxy-2,4-dimethoxychalcone (compound 2) (160 mg/kg; oral; ICR mice) has a T_{1/2}=1.94 hours, C_{max}=158 ng/mL, and AUC=384 ng·h/mL[1]

描述

4'-Hydroxy-2,4-dimethoxychalcone is a naturally occurring chalcone derivative from the herbal resin of the red geranium Dragon's Blood. 4'-Hydroxy-2,4-dimethoxychalcone possesses a wide range of biological activities including anti-malarial, anti-bacterial, anti-fungal, and anti-protozoa activity.

储存

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

For technical support and original validation data for this product please contact

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