

Catalog Number: CM03518

产品信息

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CM03518

CAS号:
495-02-3

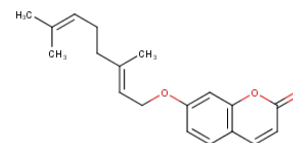
分子式:
C₁₉H₂₂O₃

主要靶点:
BACE|MMP

主要通路:
神经科学|蛋白酶体

分子量:
298.4

溶解度:
DMSO:>20 mg/mL



靶点活性

BACE1:345.1 μM.

描述

Auraptene is a coumarin derived from citrus plants that bears a geranyloxy moiety at its C-7. It has anti-inflammatory, anti-carcinogenic, anti-bacterial, neuroprotective, and hepatoprotective activities. It inhibits leukocyte activation and induces phase II enzymes during the initiation phase of carcinogenesis.¹ When examined for its potential use in Alzheimer's disease treatment, auraptene was shown to inhibit β-secretase (BACE1) activity with an IC₅₀ value of 345.1 μM.

储存

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