

Catalog Number: CM00258

产品信息

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CM00258

CAS号:
36330-85-5

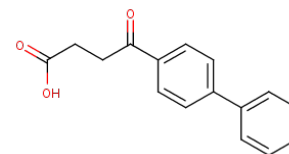
分子式:
C₁₆H₁₄O₃

主要靶点:
COX|Caspase|ATPase

主要通路:
凋亡|免疫与炎症|蛋白酶体|神经科学|离子通道

分子量:
254.28

溶解度:
H₂O:<1 mg/mL,DMSO:47 mg/mL
(184.8 mM),Ethanol:47 mg/mL
(184.8 mM)



靶点活性

ATP synthesis:0.88 μ M(Ki)

体内活性

Fenbufen and its metabolites could be involved in mitochondrial toxicity through inhibition of ATP synthesis[1]. Fenbufen inhibited prostaglandin release by 80% and reduced rates of protein synthesis in normal muscle and in muscle undergoing hypertrophy in response to tenotomy of a synergist[3].

描述

Fenbufen is a non-steroidal anti-inflammatory drug used primarily to treat inflammation in osteoarthritis, ankylosing spondylitis, and tendinitis. It can also be used to relieve backaches, sprains, and fractures. Fenbufen is available as a capsule or tablet sold with the brand names Cepal, Cinopal, Cybufen, Lederfen, and Reugast. Fenbufen acts by preventing cyclooxygenase from producing prostaglandins which can cause inflammation.

储存

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