

For Research Use Only

Bisdemethoxycurcumin



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Catalog Number: CM00912

产品信息

Catalog Number:
CM00912

CAS号:
24939-16-0

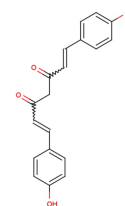
分子式:
C₁₉H₁₆O₄

主要靶点:
Epigenetic Reader
Domain|Wnt/beta-catenin

主要通路:
干细胞|表观遗传|细胞骨架

分子量:
308.33

溶解度:
Ethanol:5 mg/mL,DMSO:10
mg/mL



描述

Bisdemethoxycurcumin (Curcumin III) is a natural demethoxy derivative of curcumin. It is a potent activator of macrophage phagocytosis, interacting with 1 α , 25-dihydroxy vitamin D3 to stimulate amyloid- β clearance by macrophages (optimal stimulation at 100 nM BDMC) [1]. More stable than curcumin in physiological media, BDMC suppresses proliferation of cancer cells [2]. It down-regulates the transcriptional coactivator p300, suppressing the Wnt/ β -catenin pathway, and inhibits LPS induction of iNOS expression [3].

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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