
Decursinol angelate

产品编号: D51398

CAS: 130848-06-5

分子式: C₁₉H₂₀O₅

纯度: ≥98%

InChi: InChi=1S/C₁₉H₂₀O₅/c1-5-11(2)18(21)23-16-9-13-8-12-6-7-17(20)22-14(12)10-15(13)24-19(16,3)4/h5-8,10,16H,9H2,1-4H3/b11-5-/t16-/m0/s1

InChi Key: AGABNGOXUSXQDD-XKGFZTIGSA-N

Smiles: C/C(=C/C)/C(=O)O[C@H]1CC2C=C3C=CC(=O)OC3=CC=2OC1(C)C

外观: 固体粉末

作用通路: PKC

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Decursinol angelate has anti-tumor, anti-inflammatory, anti-oxidant, and hepatoprotective activities, it inhibits VEGF-induced angiogenesis via suppression of the VEGFR-2-signaling pathway; it also suppresses invasion and inflammatory activation of cancer cells through modulation of PI3K/AKT, ERK and NF-kappaB, its anti-inflammatory activity may contribute to its anti-cancer activity. Decursinol angelate has protective effects against amyloid β -protein-induced oxidative stress in the PC12 cell line. It improves wound healing by upregulating the expression of genes encoding extracellular matrix remodeling proteins, inflammatory cytokines, and growth factors. Decursinol angelate has in vitro and in vivo antifungal activity against *Magnaporthe oryzae*, the causal agent of rice blast.