



Diacerein

货号: D6710

储存条件: 粉末-20°C 可保存 3 年; 液体-80°C 可保存 12 月。

产品描述

Diacerein, an anti-OA agent, can significantly inhibit IL-1 β production. Both nitric oxide (NO) release and IL-1 β secretion induced by LPS could be reduced by treatment with 1 μ M Diacerein in human OA synovial tissue. Similar effect of Diacerein could be observed in LPS stimulated human cartilage in culture. The synthesis of MMP-13 induced by IL-1 β could be dose-dependently reduced by Diacerein at concentration of 10 and 20 μ g/ml in subchondral bone explants. Pre-incubation with diacerein for 2 hours with diacerein at 20 μ g/mL led to inhibition of ERK1/2 and p38 pathways activated by IL-1 β at concentration of 100 pg/mL for 30 minutes in the OA subchondral bone osteoblasts. Differentiation/proliferation of osteoclasts Raw 264.7 cells under RANKL treatment and IL-1 β stimulation could be markedly inhibited by 20 μ g/mL Diacerein.

产品信息

CAS 号	13739-02-1	
分子式	C ₁₉ H ₁₂ O ₈	
分子量	368.29	
溶解度	DMSO	47.0 mg/mL (127.6 mM)
	Water	Insoluble
	Ethanol	Insoluble

