

Product Data Sheet

Product Name: Anemonin

Cat. No.: GF16743

Chemical Properties

Cas. No. 508-44-1

Formula C₁₀H₈O₄

M.Wt 192.17

Solubility

Storage Store at RT

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Anemonin (Pulsatilla camphor), a selective iNOS inhibitor, is also a PKC- α inhibitor. Anemonin can

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significantly inhibit the translation or protein stability of PKC- α protein. Anemonin also ameliorates dextran sodium sulfate-induced acute ulcerative colitis (UC) in mice. Anemonin can be used in the research of inflammation-related diseases.

[1]. Jiang L, et al. Anti-inflammatory effects of anemonin on acute ulcerative colitis via targeted regulation of protein kinase C- α . Chin Med. 2022 Mar 28;17(1):39.

[2]. Lee TH, et al. Anemonin, from Clematis crassifolia, potent and selective inducible nitric oxide synthase inhibitor. J Ethnopharmacol. 2008 Mar 28;116(3):518-27.

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