
Product Data Sheet

Product Name: Salannin
Cat. No.: GC68315

Chemical Properties

Cas. No. 992-20-1

Formula $C_{34}H_{44}O_9$ M.Wt 596.71

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Salannin, a limonoid bitter principle of the seed oil of *Azadirachta indica*, shows antiulcer and spermicidal activities. Salannin displays antibacterial activity towards both Gram-positive and Gram-negative bacteria^{[1][2]}.

Salannin (10, 20, 50 mg/kg; p.o.) shows a significant protective activity on Aspirin induced gastric lesions^[2].

Animal Model: Wistar rats, weighing 200-220 g (acetyl salicylic acid induced gastric lesions)^[2]

Dosage: 10, 20 and 50 mg/kg

Administration: P.o.

Result: Significantly and dose dependently inhibited acetyl salicylic acid-induced gastric lesions.

[1]. Divakar C. Madhu, et al. NTIULCER. ANTIBACTERIAL AND SPERMICIDAL ACTIVITIES OF SALANNIN.

Caution: Product has not been fully validated for medical applications. For research use only.

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[2]. Mohammad Asif, et al. A Review on Spermicidal Activities of Azadirachta indica. Journal of Pharmacognosy and Phytochemistry.

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