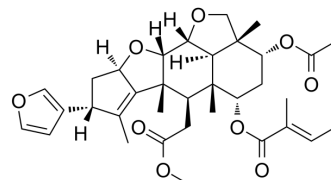


Salannin

Cat. No.:	HY-123026
CAS No.:	992-20-1
Molecular Formula:	C ₃₄ H ₄₄ O ₉
Molecular Weight:	596.71
Target:	Bacterial
Pathway:	Anti-infection
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Salannin, a limonoid bitter principle of the seed oil of <i>Azadirachta indica</i> , shows antiulcer and spermicidal activities. Salannin displays antibacterial activity towards both Gram-positive and Gram-negative bacteria ^{[1][2]} .	
In Vivo	Salannin (10, 20, 50 mg/kg; p.o.) shows a significant protective activity on Aspirin (HY-14654) induced gastric lesions ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	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.

REFERENCES

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

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

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

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