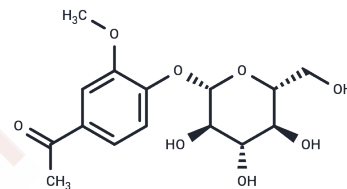


androsin

Chemical Properties

CAS No. :	531-28-2
Formula:	C ₁₅ H ₂₀ O ₈
Molecular Weight:	328.31
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Androsin, isolated from Picrorhiza Kurroa Royle ex Benth, has anti-asthmatic effects.
Targets(IC50)	Others,AMPK,Autophagy,PI3K

Solubility Information

Solubility	DMSO: 250 mg/mL (761.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (3.05 mM),Sonication is recommended. 10% DMSO+90% Saline: 10 mg/mL (30.46 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0459 mL	15.2295 mL	30.459 mL
5 mM	0.6092 mL	3.0459 mL	6.0918 mL
10 mM	0.3046 mL	1.523 mL	3.0459 mL
50 mM	0.0609 mL	0.3046 mL	0.6092 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Dorsch W, et al. Antiasthmatic effects of Picrorhiza kurroa: androsin prevents allergen- and PAF-induced bronchial obstruction in guinea pigs. Int Arch Allergy Appl Immunol. 1991;95(2-3):128-33.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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