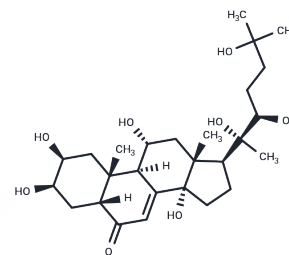


## Turkesterone

## Chemical Properties

CAS No. :	41451-87-0
Formula:	C <sub>27</sub> H <sub>44</sub> O <sub>8</sub>
Molecular Weight:	496.641
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	Turkesterone is a phytoecdysteroid possessing an 11alpha-hydroxyl group, also is an analogue of the insect steroid hormone 20-hydroxyecdysone. It has immunomodulating and antistress activity, can increase the adaptation capacity of mice under immobilization-induced stress conditions.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0135 mL	10.0677 mL	20.1353 mL
5 mM	0.4027 mL	2.0135 mL	4.0271 mL
10 mM	0.2014 mL	1.0068 mL	2.0135 mL
50 mM	0.0403 mL	0.2014 mL	0.4027 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.

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