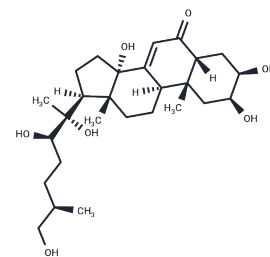


## 25R-Inokosterone

### Chemical Properties

CAS No. :	19682-38-3
Formula:	C <sub>27</sub> H <sub>44</sub> O <sub>7</sub>
Molecular Weight:	480.642
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	25R-Inokosterone exhibits potent inhibition against TNF-expression levels in A23187 plus phorbol-myristate acetate-induced RBL-2H3 cells. 25R-Inokosterone has excellent anti-atopy activity, thus 25R-Inokosterone could be used to a large range of functional anti-atopy cosmetics.
Targets(IC50)	TNF

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0806 mL	10.4028 mL	20.8056 mL
5 mM	0.4161 mL	2.0806 mL	4.1611 mL
10 mM	0.2081 mL	1.0403 mL	2.0806 mL
50 mM	0.0416 mL	0.2081 mL	0.4161 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

Phytoecdysones from the Roots of *Achyranthes japonica* Nakai and their Anti-atopy Activity *Journal of Applied Biological Chemistry*, 2015 , 58 (1) :13-19.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481