

## Hecogenin

## Chemical Properties

CAS No. : 467-55-0

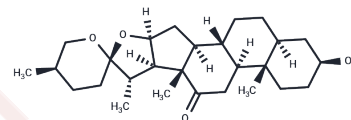
Formula: C<sub>27</sub>H<sub>42</sub>O<sub>4</sub>

Molecular Weight: 430.62

Keep away from direct sunlight

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	Hecogenin (Hocogenin), a steroid saponin derived from <i>Agave sisalana</i> , serves as a specific inhibitor for human UDP-glucuronosyltransferases. Notably, it exhibits a broad range of pharmacological activities, such as anti-inflammatory, antifungal, and gastroprotective effects[1].
Targets(IC50)	Antifungal

## Solubility Information

Solubility	Ethanol: 6.25 mg/mL (14.51 mM), Sonication is recommended. H <sub>2</sub> O: Insoluble, DMSO: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3222 mL	11.6112 mL	23.2223 mL
5 mM	0.4644 mL	2.3222 mL	4.6445 mL
10 mM	0.2322 mL	1.1611 mL	2.3222 mL
50 mM	0.0464 mL	0.2322 mL	0.4644 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

Uchaipichat V, et al. Drug Metab Dispos. 2006, 34(3):449-56.

Huang S, Cao B, Zhang J, et al. Induction of ferroptosis in human nasopharyngeal cancer cells by cucurbitacin B: molecular mechanism and therapeutic potential. Cell Death & Disease. 2021, 12(3): 1-13.

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