

## Rehmapicrogenin

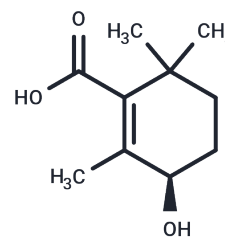
## Chemical Properties

CAS No. : 135447-39-1

Formula: C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>

Molecular Weight: 184.23

Storage: Store at low temperature, Keep away from direct sunlight  
 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	Rehmapicrogenin regulates the Nrf2/ARE signaling pathway. Nrf2/ARE signaling pathway is the most important pathway of oxidative stress.
Targets(IC50)	Nrf2,NO Synthase,COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.428 mL	27.140 mL	54.280 mL
5 mM	1.0856 mL	5.428 mL	10.856 mL
10 mM	0.5428 mL	2.714 mL	5.428 mL
50 mM	0.1086 mL	0.5428 mL	1.0856 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

Mengmeng Wang, et al. The nephroprotective effects and mechanisms of rehmapicrogenin include ROS inhibition via an oestrogen-like pathway both in vivo and in vitro. *Biomedicine & Pharmacotherapy* Volume 138, June 2021, 111305

Cheuk-Lun Li, et al. Bioassay-guided isolation of anti-inflammatory components from the root of *Rehmannia glutinosa* and its underlying mechanism via inhibition of iNOS pathway. *J Ethnopharmacol.* 2012 Oct 11;143(3): 867-75.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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