

## Gardoside

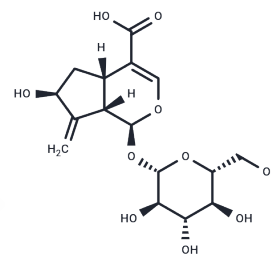
## Chemical Properties

CAS No. : 54835-76-6

Formula: C<sub>16</sub>H<sub>22</sub>O<sub>10</sub>

Molecular Weight: 374.34

Storage: Store at low temperature, Keep away from direct sunlight, Keep away from moisture  
 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	Gardoside is an iridoid glycoside present in a wide range of plant species, believed to have anti-steatosis, anti-inflammatory, and antioxidant properties. Gardoside serves as a bioactive compound for pharmacological research, including studies of metabolic diseases, oxidative stress, and inflammatory conditions.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6714 mL	13.3568 mL	26.7137 mL
5 mM	0.5343 mL	2.6714 mL	5.3427 mL
10 mM	0.2671 mL	1.3357 mL	2.6714 mL
50 mM	0.0534 mL	0.2671 mL	0.5343 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

Liu F, et, al. Study on Mechanism of Iridoid Glycosides Derivatives from Fructus Gardeniae in Jiangxi Province by Network Pharmacology. Evid Based Complement Alternat Med. 2020 Jun 26;2020:4062813.

Sena FJG, et, al. Distribution of Iridoid Glucosides in Plants from the Genus Lippia (Verbenaceae): An investigation of Lippia alba (Mill.) N.E. Brown. Natural Product Communications. 2007; 2(7):715-716.

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