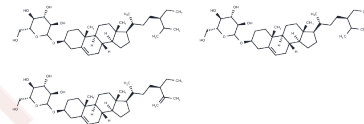


Charantin

Chemical Properties

CAS No. :	57126-62-2
Formula:	C105H178O18
Molecular Weight:	1728.561
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	Charantin is a steroidal saponin isolated from Momordica charantia. It increases the release of insulin and slowing down gluconeogenesis. Charantin can inhibit GSK-3.
Targets(IC50)	GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5785 mL	2.8926 mL	5.7852 mL
5 mM	0.1157 mL	0.5785 mL	1.157 mL
10 mM	0.0579 mL	0.2893 mL	0.5785 mL
50 mM	0.0116 mL	0.0579 mL	0.1157 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

Wang HY, et al. Differential anti-diabetic effects and mechanism of action of charantin-rich extract of Taiwanese Momordica charantia between type 1 and type 2 diabetic mice. Food Chem Toxicol. 2014 Jul;69:347-56.

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