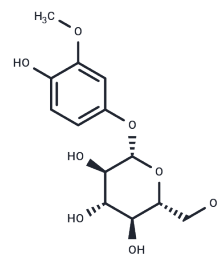


Tachioside

Chemical Properties

CAS No. :	109194-60-7
Formula:	C ₁₃ H ₁₈ O ₈
Molecular Weight:	302.28
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	Tachioside has antiobesity, antioxidant and α -glucosidase inhibitory activities, it decreases lipid content in 3T3-L1 adipocytes by inhibiting lipogenesis, shows antiobesity activities. Tachioside can inhibit nitric oxide production in lipopolysaccharides-stimulated RAW 264.7 cells with IC ₅₀ value of 12.14 μ M.
Targets(IC ₅₀)	Glucokinase, Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3082 mL	16.541 mL	33.0819 mL
5 mM	0.6616 mL	3.3082 mL	6.6164 mL
10 mM	0.3308 mL	1.6541 mL	3.3082 mL
50 mM	0.0662 mL	0.3308 mL	0.6616 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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