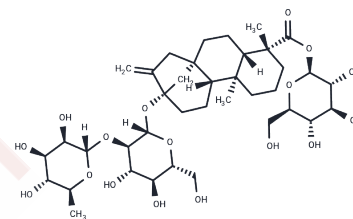


## Dulcoside A

## Chemical Properties

CAS No. : 64432-06-0  
 Formula: C<sub>38</sub>H<sub>60</sub>O<sub>17</sub>  
 Molecular Weight: 788.87  
 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	Dulcoside A, isolated from <i>Stevia rebaudiana</i> , is a sweetener with antioxidant activity.
Targets(IC50)	Others, Taste receptor

## Solubility Information

Solubility	DMSO: 83.33 mg/mL (105.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2676 mL	6.3382 mL	12.6764 mL
5 mM	0.2535 mL	1.2676 mL	2.5353 mL
10 mM	0.1268 mL	0.6338 mL	1.2676 mL
50 mM	0.0254 mL	0.1268 mL	0.2535 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 YH, et al. Ultra-HPLC method for quality and adulterant assessment of steviol glycosides sweeteners - *Stevia rebaudiana* and stevia products. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2015;32(5):674-85.

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