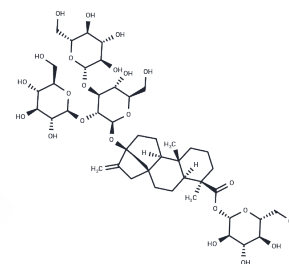


Rebaudioside A

Chemical Properties

CAS No. :	58543-16-1
Formula:	C44H70O23
Molecular Weight:	967.01
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Rebaudioside A (Reb A) is a novel agent of glycoside clathration of pharmacons, acts as α -glucosidase inhibitor.
Targets(IC50)	Endogenous Metabolite,Glucosidase

Solubility Information

Solubility	DMSO: 55 mg/mL (56.88 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	1.0341 mL	5.1706 mL	10.3412 mL
5 mM	0.2068 mL	1.0341 mL	2.0682 mL
10 mM	0.1034 mL	0.5171 mL	1.0341 mL
50 mM	0.0207 mL	0.1034 mL	0.2068 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.

Reference

T G Tolstikova et. al.Doklady Biological Sciences, 426, 205-206 (2009)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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