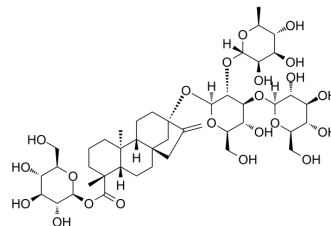


Rebaudioside C

Cat. No.:	HY-N0467		
CAS No.:	63550-99-2		
Molecular Formula:	C ₄₄ H ₇₀ O ₂₂		
Molecular Weight:	951.01		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (105.15 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0515 mL	5.2576 mL	10.5151 mL
	5 mM	0.2103 mL	1.0515 mL	2.1030 mL
	10 mM	0.1052 mL	0.5258 mL	1.0515 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (2.63 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (2.63 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (2.63 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Rebaudioside C(Dulcoside B) is used as natural sweeteners to diabetics and others on carbohydrate-controlled diets.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA