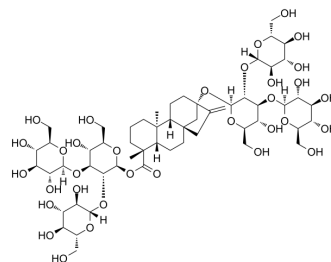


Rebaudioside M

Cat. No.:	HY-N6833
CAS No.:	1220616-44-3
Molecular Formula:	C ₅₆ H ₉₀ O ₃₃
Molecular Weight:	1291.29
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (77.44 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		0.7744 mL	3.8721 mL	7.7442 mL
		5 mM		0.1549 mL	0.7744 mL	1.5488 mL
10 mM		0.0774 mL	0.3872 mL	0.7744 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (1.94 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (1.94 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (1.94 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	Rebaudioside M, a glycoside of the ent-kaurene diterpenoid aglycone, is a natural non-calorie sweetener isolated from <i>Stevia rebaudiana</i> Bertoni ^[1] .
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REFERENCES

[1]. Prakash I, et al. Development of Next Generation Stevia Sweetener: Rebaudioside M. Foods. 2014 Feb 27;3(1):162-175.

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

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