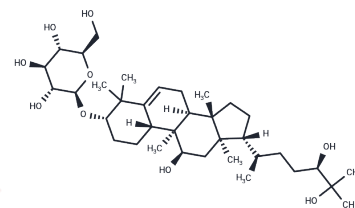


Mogroside I E1

Chemical Properties

CAS No. :	88901-39-7
Formula:	C ₃₆ H ₆₂ O ₉
Molecular Weight:	638.87
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Mogroside I E1 is a triterpenoid glycoside isolated from the extracts of Luo Han Guo, is a nonsugar sweetener.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 6.39 mg/mL (10 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5653 mL	7.8263 mL	15.6526 mL
5 mM	0.3131 mL	1.5653 mL	3.1305 mL
10 mM	0.1565 mL	0.7826 mL	1.5653 mL
50 mM	0.0313 mL	0.1565 mL	0.3131 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

Itkin M , Davidovich-Rikanati R , Cohen S , et al. The biosynthetic pathway of the nonsugar, high-intensity sweetener mogroside V from *Siraitia grosvenorii*[J]. Proceedings of the National Academy of Sciences, 2016, 113

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