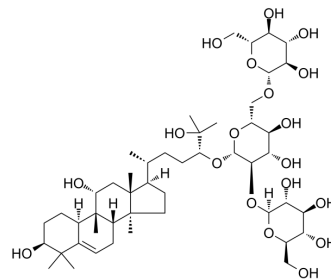


## Mogroside III-A1

Cat. No.:	HY-108271
CAS No.:	88901-42-2
Molecular Formula:	C <sub>48</sub> H <sub>82</sub> O <sub>19</sub>
Molecular Weight:	963.15
Target:	Others
Pathway:	Others
Storage:	4°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 (103.83 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.0383 mL	5.1913 mL	10.3826 mL	
5 mM	0.2077 mL	1.0383 mL	2.0765 mL	
10 mM	0.1038 mL	0.5191 mL	1.0383 mL	

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

### BIOLOGICAL ACTIVITY

#### Description

Mogroside III-A1 is a triterpenoid glycoside and a nonsugar sweetener. Mogrosides are sweeter than sucrose. Mogrosides exhibit antioxidant, antidiabetic and anticancer activities<sup>[1]</sup>.

### REFERENCES

[1]. Itkin M, et al. The biosynthetic pathway of the nonsugar, high-intensity sweetener mogroside V from *Siraitia grosvenorii*. Proc Natl Acad Sci U S A. 2016 Nov 22;113(47):E7619-E7628.

**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