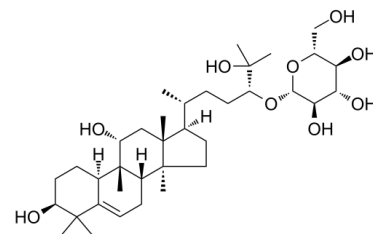


Data Sheet

Product Name:	Mogroside I A1
Cat. No.:	CS-0100283
CAS No.:	88901-46-6
Molecular Formula:	C ₃₆ H ₆₂ O ₉
Molecular Weight:	638.87
Target:	Others
Pathway:	Others
Solubility:	DMSO : 100 mg/mL (156.53 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Mogroside I A1 is a triterpenoid glycoside and a nonsugar sweetener. Mogrosides are sweeter than sucrose. Mogrosides exhibit antioxidant, antidiabetic and anticancer activities^[1].

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.

CAIndexNames:

β-D-Glucopyranoside, (3β,9β,10α,11α,24R)-3,11,25-trihydroxy-9-methyl-19-norlanost-5-en-24-yl

SMILES:

C[C@]12[C@@]3([H])[C@]([C@@]4([H])C(C(C)[C@@H](O)CC4)C)=CC3)[C@H](O)C[C@@]1([C@]([C@H](C)CC[C@H](C(C)(O)C)O[C@@H]5O[C@@H]([C@@H](O)[C@H](O)[C@H]5O)CO)([H])CC2)C

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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