



Molecular Formula: C₆₀H₁₀₂O₂₉
Molecular Weight: 1287.448
Accurate Mass: 1286.650685
Percentage Composition: C 55.98%; H 7.99%; O 36.04%
Biological Source: Constit. of *Siraitia grosvenorii*
Physical Description: Powder or cryst.
Melting Point: Mp 197-201 dec.°
Optical Rotation: $[\alpha]_D^{22} -11.7$ (c, 1 in MeOH). $[\alpha]_D^{20} -9.4$ (c, 0.5 in H₂O)

>>Derivative: 3,24-Di-*O*-β-D-glucopyranoside

Synonym(s): Mogroside II E

CAS Registry Number: 88901-38-6

Molecular Formula: C₄₂H₇₂O₁₄
Molecular Weight: 801.022
Accurate Mass: 800.49221
Percentage Composition: C 62.98%; H 9.06%; O 27.96%
Biological Source: Constit. of *Siraitia grosvenorii*
Physical Description: Powder
Optical Rotation: $[\alpha]_D^{23} +35.2$ (c, 0.88 in MeOH). $[\alpha]_D +20$ (c, 0.26 in H₂O)

>>Derivative: 3-*O*-β-D-Glucopyranoside, 24-*O*-[β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside]

Synonym(s): Mogroside III E

CAS Registry Number: 88901-37-5

Molecular Formula: C₄₈H₈₂O₁₉
Molecular Weight: 963.164
Accurate Mass: 962.545035
Percentage Composition: C 59.86%; H 8.58%; O 31.56%
Biological Source: Constit. of *Siraitia grosvenorii*
Physical Description: Powder
Optical Rotation: $[\alpha]_D^{23} +6.7$ (c, 0.5 in H₂O)

>>Derivative: 3-*O*-β-D-Glucopyranoside, 24-*O*-[β-D-glucopyranosyl-(1→2)[β-D-glucopyranosyl-(1→6)]-β-D-glucopyranoside]

Synonym(s): Siamenoside I

CAS Registry Number: 126105-12-2

Molecular Formula: C₅₄H₉₂O₂₄
Molecular Weight: 1125.306
Accurate Mass: 1124.59786
Percentage Composition: C 57.64%; H 8.24%; O 34.12%
Biological Source: Constit. of *Siraitia grosvenorii* and *Siraitia siamensis*
Physical Description: Powder
Optical Rotation: $[\alpha]_D^{22} +4.9$ (c, 1.03 in MeOH)

>>Derivative: 3-*O*-β-D-Glucopyranoside, 24-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): Mogroside III

CAS Registry Number: 130567-83-8

Molecular Formula: C₄₈H₈₂O₁₉
Molecular Weight: 963.164
Accurate Mass: 962.545035
Percentage Composition: C 59.86%; H 8.58%; O 31.56%
Biological Source: Constit. of *Siraitia grosvenorii*
Physical Description: Powder
Optical Rotation: $[\alpha]_D^{20} +2.5$ (c, 0.36 in MeOH)