



Percentage Composition: C 57.64%; H 8.24%; O 34.12%

Biological Source: Constit. of *Momordica grosvenorii*

Optical Rotation: $[\alpha]_D -4.7$ (c, 1.28 in H₂O)

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

Synonym(s): Mogroside III A₁

CAS Registry Number: 88901-42-2

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 *Momordica grosvenorii*

Optical Rotation: $[\alpha]_D +5$ (c, 1.29 in H₂O)

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

Synonym(s): Mogroside III A₂

CAS Registry Number: 88901-43-3

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 *Momordica grosvenorii*

Optical Rotation: $[\alpha]_D +7.7$ (c, 1.3 in H₂O)

>>**Derivative:** 24-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): Mogroside II A₁

CAS Registry Number: 88901-44-4

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 *Momordica grosvenorii*

Optical Rotation: $[\alpha]_D +14.1$ (c, 1.28 in H₂O)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranoside]

Synonym(s): Mogroside II A₂

CAS Registry Number: 88901-45-5

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 *Momordica grosvenorii*

Optical Rotation: $[\alpha]_D +15.8$ (c, 1.27 in H₂O)

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

Synonym(s): Neomogroside

CAS Registry Number: 189307-15-1

Molecular Formula: C₆₆H₁₁₂O₃₄

Molecular Weight: 1449.59

Accurate Mass: 1448.70351

Percentage Composition: C 54.69%; H 7.79%; O 37.53%

Biological Source: Constit. of *Siraitia grosvenorii*

Physical Description: Cryst.

Melting Point: Mp 198-201°

References: