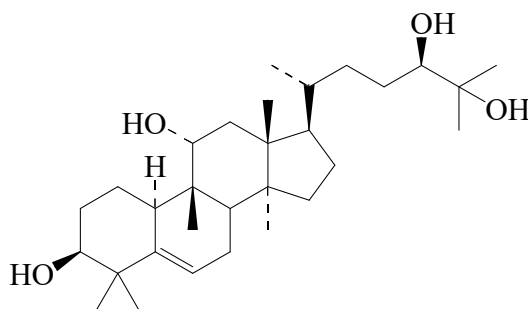




>>Entry Name: Cucurbit-5-ene-3,11,24,25-tetrol



Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Variant: (3β,11α,24R)-form

Synonym(s): Mogrol

CAS Registry Number: 88930-15-8

Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Sapogenin from *Momordica grosvenorii* (*Siraitia grosvenorii*)

Optical Rotation: [α]_D +70 (c, 0.27 in H₂O)

Other Data: *Siraitia* is not a generally recognised genus

>>Derivative: 3-O-β-D-Glucopyranoside

Synonym(s): Mogroside I E₁

CAS Registry Number: 88901-39-7

Molecular Formula: C₃₆H₆₂O₉

Molecular Weight: 638.88

Accurate Mass: 638.439385

Percentage Composition: C 67.68%; H 9.78%; O 22.54%

Biological Source: Constit. of *Momordica grosvenorii*

Optical Rotation: [α]_D +40.8 (c, 0.625 in H₂O)

>>Derivative: 24-O-β-D-Glucopyranoside

Synonym(s): Mogroside I A₁

CAS Registry Number: 88901-46-6

Molecular Formula: C₃₆H₆₂O₉

Molecular Weight: 638.88

Accurate Mass: 638.439385

Percentage Composition: C 67.68%; H 9.78%; O 22.54%

Biological Source: Constit. of *Momordica grosvenorii*

Optical Rotation: [α]_D +38.7 (c, 0.27 in H₂O)

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

Synonym(s): Mogroside IV E

CAS Registry Number: 88915-64-4

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 *Momordica grosvenorii*

Physical Description: Powder

Optical Rotation: [α]_D -4.2 (c, 0.52 in H₂O)