



CAS Registry Number: 110623-72-8

Molecular Formula: C₃₉H₅₀O₂₀

Molecular Weight: 838.812

Accurate Mass: 838.28955

Percentage Composition: C 55.84%; H 6.01%; O 38.15%

Biological Source: Isol. from *Epimedium koreanum*

>>**Derivative:** 4'-Me ether, 3-*O*-[β-D-glucopyranosyl-(1→3)-α-L-rhamnopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Hexandraside F

CAS Registry Number: 140147-77-9

Molecular Formula: C₃₉H₅₀O₂₀

Molecular Weight: 838.812

Accurate Mass: 838.28955

Percentage Composition: C 55.84%; H 6.01%; O 38.15%

Biological Source: Constit. of *Vancouveria hexandra*

Physical Description: Yellow powder

>>**Derivative:** 4'-Me ether, 3-*O*-[α-L-rhamnopyranosyl-(1→2)-α-L-rhamnopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Epimedin C. Baohuoside VI

CAS Registry Number: 110642-44-9

Molecular Formula: C₃₉H₅₀O₁₉

Molecular Weight: 822.813

Accurate Mass: 822.294635

Percentage Composition: C 56.93%; H 6.12%; O 36.95%

Biological Source: Isol. from *Epimedium koreanum* and *Epimedium davidii*

Other Data: Baohuoside originally assigned rhamnosyl-(1→4)-rhamnoside struct.

>>**Derivative:** 4'-Me ether, 3-*O*-[α-L-rhamnopyranosyl-(1→3)-α-L-rhamnopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Hexandraside D

CAS Registry Number: 137218-02-1

Molecular Formula: C₃₉H₅₀O₁₉

Molecular Weight: 822.813

Accurate Mass: 822.294635

Percentage Composition: C 56.93%; H 6.12%; O 36.95%

Biological Source: Isol. from *Vancouveria hexandra*

Physical Description: Yellow powder

>>**Derivative:** 4'-Me ether, 3-*O*-[4,6-di-*O*-acetyl-β-D-glucopyranosyl-(1→3)-4-*O*-acetyl-α-L-rhamnopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Caohuoside B

CAS Registry Number: 159650-19-8

Molecular Formula: C₄₅H₅₆O₂₃

Molecular Weight: 964.924

Accurate Mass: 964.321245

Percentage Composition: C 56.01%; H 5.85%; O 38.14%

Biological Source: Constit. of *Epimedium koreanum*

Physical Description: Amorph. yellow powder

Melting Point: Mp 125-127°

Optical Rotation: [α]_D²⁰ -98.2 (c, 0.02 in MeOH)