



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

>>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-β-D-xylopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Epimedoside D. Epimediside D

CAS Registry Number: 39049-18-8

Molecular Formula: C₃₇H₄₆O₁₉

Molecular Weight: 794.759

Accurate Mass: 794.263335

Percentage Composition: C 55.92%; H 5.83%; O 38.25%

Biological Source: Isol. from *Epimedium grandiflorum*

Physical Description: Cryst. + 1H₂O

Melting Point: Mp 234.5-235.5°

>>>**Derivative:** 3-*O*-[β-D-Xylopyranosyl-(1→2)-α-L-rhamnopyranoside], 7-*O*-β-D-glucopyranoside

Synonym(s): Epimedoside E. Epimediside E

CAS Registry Number: 39049-19-9

Molecular Formula: C₃₇H₄₆O₁₉

Molecular Weight: 794.759

Accurate Mass: 794.263335

Percentage Composition: C 55.92%; H 5.83%; O 38.25%

Biological Source: Isol. from *Epimedium grandiflorum*

Physical Description: Pale yellow powder (EtOH)

Melting Point: Mp 248-250°

>>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-α-L-rhamnopyranoside], 7-*O*-[β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside]

Synonym(s): Diphyllside C

CAS Registry Number: 125028-59-3

Molecular Formula: C₄₄H₅₈O₂₅

Molecular Weight: 986.927

Accurate Mass: 986.326725

Percentage Composition: C 53.55%; H 5.92%; O 40.53%

Biological Source: Isol. from *Epimedium diphyllum*

Physical Description: Yellow powder (EtOH aq.)

Melting Point: Mp 184-185°

Optical Rotation: [α]_D -76.3 (c, 0.25 in MeOH)

>>>**Derivative:** 3-*O*-[β-D-Xylopyranosyl-(1→2)-α-L-rhamnopyranoside], 7-*O*-[β-D-glucopyranosyl-(1→2)-β-D-glucopyranoside]

Synonym(s): Hexandraside C

CAS Registry Number: 137218-01-0

Molecular Formula: C₄₃H₅₆O₂₄

Molecular Weight: 956.901

Accurate Mass: 956.31616

Percentage Composition: C 53.97%; H 5.90%; O 40.13%

Biological Source: Isol. from *Vancouveria hexandra*

Physical Description: Pale yellow powder (MeOH)

>>>**Derivative:** 4'-Me ether

Synonym(s): 3,5,7-Trihydroxy-4'-methoxy-8-prenylflavone. 5,7-Dihydroxy-4'-methoxy-8-prenylflavonol. **Icaritin**. Anhydroicaritin

CAS Registry Number: 118525-40-9

Molecular Formula: C₂₁H₂₀O₆

Molecular Weight: 368.385

Accurate Mass: 368.12599

Percentage Composition: C 68.47%; H 5.47%; O 26.06%

Biological Source: Isol. from *Epimedium* spp.

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 239.5°