



**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:** C<sub>37</sub>H<sub>46</sub>O<sub>19</sub>

**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. + 1H<sub>2</sub>O

**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:** C<sub>37</sub>H<sub>46</sub>O<sub>19</sub>

**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:** C<sub>44</sub>H<sub>58</sub>O<sub>25</sub>

**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]<sub>D</sub> -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:** C<sub>43</sub>H<sub>56</sub>O<sub>24</sub>

**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:** C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>

**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°