



CAS Registry Number: 36151-01-6

Molecular Formula: C₁₃H₂₂O₃

Molecular Weight: 226.315

Accurate Mass: 226.156895

Percentage Composition: C 68.99%; H 9.80%; O 21.21%

Biological Source: Isol. from *Podocarpus blumei*

Physical Description: Oil; cryst. (as tetra-Ac)

Melting Point: Mp 101-102° (tetra-Ac)

>> **Derivative:** 7,8-Dihydro, 9-*O*-β-D-glucopyranoside

Synonym(s): Icariside B₅

CAS Registry Number: 114226-08-3

Molecular Formula: C₁₉H₃₂O₈

Molecular Weight: 388.457

Accurate Mass: 388.20972

Percentage Composition: C 58.75%; H 8.30%; O 32.95%

Biological Source: Constit. of *Epimedium grandiflorum* var. *thunbergianum*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁵ -12.9 (c, 0.62 in MeOH)

>> **Derivative:** 7,8-Dihydro, 9-*O*-[β-D-apiofuranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 177261-70-0

Molecular Formula: C₂₄H₄₀O₁₂

Molecular Weight: 520.573

Accurate Mass: 520.25198

Percentage Composition: C 55.37%; H 7.74%; O 36.88%

Biological Source: Constit. of quince (*Cydonia vulgaris*) leaves

>> **Derivative:** 7,8-Dihydro, 9-*O*-[α-L-rhamnopyranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 177261-69-7

Molecular Formula: C₂₅H₄₂O₁₂

Molecular Weight: 534.6

Accurate Mass: 534.26763

Percentage Composition: C 56.17%; H 7.92%; O 35.91%

Biological Source: Constit. of leaves of quince (*Cydonia vulgaris*)

>> **Variant:** (6*S*,7*E*,9*S*)-form

Synonym(s): Corchoionol C

CAS Registry Number: 189351-15-3

Molecular Formula: C₁₃H₂₀O₃

Molecular Weight: 224.299

Accurate Mass: 224.141245

Percentage Composition: C 69.61%; H 8.99%; O 21.40%

Physical Description: Powder

Optical Rotation: [α]_D²⁸ +184.3 (c, 0.1 in CHCl₃)

>> **Derivative:** 9-*O*-β-D-Glucopyranoside

Synonym(s): Corchoionoside C

CAS Registry Number: 185414-25-9

Molecular Formula: C₁₉H₃₀O₈

Molecular Weight: 386.441

Accurate Mass: 386.19407

Percentage Composition: C 59.05%; H 7.82%; O 33.12%

Biological Source: Constit. of *Corchorus olitorius*

Physical Description: Powder

Optical Rotation: [α]_D²⁹ +25.3 (c, 0.3 in MeOH)