



Other Data: Numbering incorr. in ref.

>>>**Derivative:** 28-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranosyl] ester

Synonym(s): Cirensenoside C. Cirensenoside C

CAS Registry Number: 161400-72-2

Type of Compound Code(s): VS8300

Molecular Formula: C₄₈H₇₈O₁₈

Molecular Weight: 943.133

Accurate Mass: 942.51882

Percentage Composition: C 61.13%; H 8.34%; O 30.54%

Biological Source: Constit. of *Oplopanax elatus*

Physical Description: Powder

Melting Point: Mp 212-214°

Optical Rotation: [α]_D²⁰ -13 (c, 0.7 in MeOH)

>>>**Variant:** 3 β -form

Synonym(s): Hederagenin. Caulosapogenin. Hederidin. Kalosapogenin. Melanthigenin. Astrantiagenin E

CAS Registry Number: 465-99-6

Type of Compound Code(s): VS8300

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Sapogenin from *Clematis*, *Holboellia*, *Hedera* spp. and other plants

Use/Importance: Epicarcinogen inhibitor

Physical Description: Cryst. (EtOH)

Melting Point: Mp 334 dec.°

Optical Rotation: [α]_D +82 (Py)

>>>**Derivative:** 23-*O*- α -L-Arabinopyranoside

Synonym(s): Prosapogenin CP₀

CAS Registry Number: 83864-75-9

Type of Compound Code(s): VS8300

Molecular Formula: C₃₅H₅₆O₈

Molecular Weight: 604.823

Accurate Mass: 604.39752

Percentage Composition: C 69.51%; H 9.33%; O 21.16%

Biological Source: Isol. from *Clematis chinensis*

Physical Description: Needles + 1H₂O (MeOH)

Melting Point: Mp 192-195 dec.°

Optical Rotation: [α]_D +48.9 (c, 0.43 in MeOH)

>>>**Derivative:** 3,23-Di-*O*- β -D-glucopyranoside, 28-*O*-[β -D-glucopyranosyl-(1 $\rightarrow$ 3)- α -L-arabinopyranosyl] ester

Synonym(s): Quinoside A

CAS Registry Number: 123597-11-5

Type of Compound Code(s): VS8300

Molecular Formula: C₅₃H₈₆O₂₃

Molecular Weight: 1091.249

Accurate Mass: 1090.555995

Percentage Composition: C 58.34%; H 7.94%; O 33.72%

Biological Source: Constit. of *Chenopodium quinoa*

Physical Description: No phys. props. reported