



Accurate Mass: 604.39752
Percentage Composition: C 69.51%; H 9.33%; O 21.16%
Biological Source: Constit. of *Pulsatilla chinensis*
Physical Description: Cryst. or amorph. powder
Melting Point: Mp 160-165°

>>**Derivative:** 28-Carboxylic acid, 3-*O*-β-D-glucopyranoside, 28-*O*-[α-L-rhamnopyranosyl-(1→4)-β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester
Synonym(s): Cirensenoside S. Cirensenoside S

CAS Registry Number: 226572-11-8

Molecular Formula: C₅₄H₈₈O₂₃
Molecular Weight: 1105.275
Accurate Mass: 1104.571645
Percentage Composition: C 58.68%; H 8.02%; O 33.29%
Biological Source: Constit. of *Oplopanax elatus*
Physical Description: Powder
Melting Point: Mp 220-222°
Optical Rotation: [α]_D²⁰ -23.5 (c, 0.5 in MeOH)

>>**Derivative:** 28-Carboxylic acid, 28-*O*-[α-L-rhamnopyranosyl-(1→4)-β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester
Synonym(s): Cirensenoside G. Oplopanaxoside D. Pulsatilloside C. Cirensenoside G

CAS Registry Number: 162341-28-8

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*, *Oplopanax japonicus* and *Pulsatilla chinensis*
Physical Description: Powder
Melting Point: Mp 182-185°. Mp 213-215°. Mp 250-253 dec.°
Optical Rotation: [α]_D²⁰ -30 (c, 0.5 in MeOH) (-8.3)

>>**Derivative:** 28-Carboxylic acid, 3-*O*-[α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranoside]
Synonym(s): Anemoside A₃

CAS Registry Number: 129724-84-1

Molecular Formula: C₄₁H₆₆O₁₂
Molecular Weight: 750.965
Accurate Mass: 750.45543
Percentage Composition: C 65.58%; H 8.86%; O 25.57%
Biological Source: Constit. of *Anemone chinensis*

>>**Derivative:** 28-Carboxylic acid, 3-*O*-[α-L-rhamnopyranosyl-(1→2)-α-L-arabinopyranoside], 28-*O*-[α-L-rhamnopyranosyl-(1→4)-β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester
Synonym(s): Anemoside B₄

CAS Registry Number: 129741-57-7

Molecular Formula: C₅₉H₉₆O₂₆
Molecular Weight: 1221.392
Accurate Mass: 1220.61899
Percentage Composition: C 58.02%; H 7.92%; O 34.06%
Biological Source: Constit. of *Anemone chinensis*

>>**Derivative:** 28-Carboxylic acid, 28-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester
Synonym(s): Pulsatilloside B

CAS Registry Number: 145578-46-7

Molecular Formula: C₄₂H₆₈O₁₄
Molecular Weight: 796.991
Accurate Mass: 796.46091
Percentage Composition: C 63.30%; H 8.60%; O 28.10%
Biological Source: Constit. of *Pulsatilla chinensis*
Physical Description: Amorph. powder