



>>Entry Name: Oleanolic acid 3-glycosides

>>Variant: Monoglycosides

>>Derivative: 3-*O*- α -L-Arabinopyranoside

Synonym(s): Fatsiaside A₁, Glycoside L-A

CAS Registry Number: 60252-11-1

Molecular Formula: C₃₅H₅₆O₇

Molecular Weight: 588.823

Accurate Mass: 588.402605

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Isol. from *Fatsia japonica*, *Anemone raddeana*, *Hedera canariensis* and other plants

Melting Point: Mp 230-235°

Optical Rotation: $[\alpha]_D^{25} +53.1$ (c, 2 in MeOH)

>>Derivative: 3-*O*- β -D-Xylopyranoside

Synonym(s): Songoroside A

CAS Registry Number: 61617-29-6

Molecular Formula: C₃₅H₅₆O₇

Molecular Weight: 588.823

Accurate Mass: 588.402605

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Xeromphis spinosa*

>>Derivative: 3-*O*- β -D-Glucopyranoside

Synonym(s): Vitalboside A, β_1 -Fatsin, Gleditschoside A

CAS Registry Number: 3391-80-8

Molecular Formula: C₃₆H₅₈O₈

Molecular Weight: 618.849

Accurate Mass: 618.41317

Percentage Composition: C 69.87%; H 9.45%; O 20.68%

Biological Source: Isol. from *Calendula*, *Clematis* and others

Physical Description: Cryst. + 1H₂O

Melting Point: Mp 225-229°. Mp 243-246°

Optical Rotation: $[\alpha]_D +46.9$ (c, 1 in EtOH)

>>Derivative: 3-*O*-[4-Hydroxy-3-methoxycinnamoyl-($\rightarrow$ 4)- β -D-glucopyranoside]

Synonym(s): Justicisaponin I

CAS Registry Number: 79162-16-6

Molecular Formula: C₄₆H₆₆O₁₁

Molecular Weight: 795.021

Accurate Mass: 794.460515

Percentage Composition: C 69.50%; H 8.37%; O 22.14%

Biological Source: Constit. of *Justicia simplex*

>>Derivative: 3-*O*-(2-Acetamido-2-deoxy- β -D-glucopyranoside)

Synonym(s): Aridanin

CAS Registry Number: 81053-26-1