



Type of Compound Code(s): VS8650
Molecular Formula: C₃₆H₅₈O₉
Molecular Weight: 634.849
Accurate Mass: 634.408085
Percentage Composition: C 68.11%; H 9.21%; O 22.68%
Biological Source: Constit. of *Sanguisorba officinalis*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 279-280°

>> **Derivative:** 28-*O*-β-D-Glucopyranosyl ester, 3-sulfate
Synonym(s): Ilexoside XXIX

CAS Registry Number: 149475-48-9
Type of Compound Code(s): VS8650
Molecular Formula: C₃₆H₅₈O₁₂S
Molecular Weight: 714.913
Accurate Mass: 714.3649
Percentage Composition: C 60.48%; H 8.18%; O 26.86%; S 4.49%
Biological Source: Constit. of *Ilex rotunda*
Physical Description: Needles (MeOH)
Melting Point: Mp 204-206°
Optical Rotation: [α]_D +13.7 (c, 4.6 in MeOH)

>> **Derivative:** 3-*O*-α-L-Arabinoside
Synonym(s): Ziyuglycoside II

CAS Registry Number: 35286-59-0
Type of Compound Code(s): VS8650
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 *Ilex cornuta*

>> **Derivative:** 3-*O*-α-L-Arabinopyranoside, β-D-glucopyranosyl ester
Synonym(s): Ziyuglycoside I, Kudinoside H

CAS Registry Number: 35286-58-9
Type of Compound Code(s): VS8650
Molecular Formula: C₄₁H₆₆O₁₃
Molecular Weight: 766.965
Accurate Mass: 766.450345
Percentage Composition: C 64.21%; H 8.67%; O 27.12%
Biological Source: Isol. from *Ilex cornuta* and *Ilex kudincha*
Physical Description: Cryst.
Melting Point: Mp 214-215°

>> **Derivative:** 3-*O*-α-L-Arabinopyranoside, 28-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester
Synonym(s): Mazusaponin II

Type of Compound Code(s): VS8650
Molecular Formula: C₄₇H₇₆O₁₈
Molecular Weight: 929.107
Accurate Mass: 928.50317
Percentage Composition: C 60.76%; H 8.24%; O 31.00%
Biological Source: Constit. of *Mazus miguelii*
Physical Description: Amorph. powder
Optical Rotation: [α]_D²² -8.5 (c, 2.12 in MeOH)