



CAS Registry Number: 155899-91-5
Type of Compound Code(s): VG0060
Molecular Formula: C₃₀H₃₈O₁₅
Molecular Weight: 638.621
Accurate Mass: 638.221075
Percentage Composition: C 56.42%; H 6.00%; O 37.58%
Biological Source: Constit. of *Pedicularis plicata*

>>>**Derivative:** 1-*O*-[α-L-Rhamnopyranosyl-(1→3)-[4-hydroxy-3-methoxycinnamoyl-(→6)]-β-D-glucopyranoside]
Synonym(s): Plantainoside C

CAS Registry Number: 136083-86-8
Type of Compound Code(s): VG0060 VE9200
Molecular Formula: C₃₀H₃₈O₁₅
Molecular Weight: 638.621
Accurate Mass: 638.221075
Percentage Composition: C 56.42%; H 6.00%; O 37.58%
Biological Source: Constit. of *Plantago asiatica* and *Buddleja davidii*
Optical Rotation: [α]_D²³ -238.1 (c, 0.07 in MeOH)

>>>**Derivative:** 1-*O*-[α-L-Rhamnopyranosyl-(1→6)-β-D-glucopyranoside]
Synonym(s): Forsythoside E

CAS Registry Number: 93675-88-8
Type of Compound Code(s): VG0010
Molecular Formula: C₂₀H₃₀O₁₂
Molecular Weight: 462.45
Accurate Mass: 462.17373
Percentage Composition: C 51.95%; H 6.54%; O 41.52%
Biological Source: Isol. from fruits of *Forsythia suspensa*
Physical Description: Pale yellow amorph. solid
Optical Rotation: [α]_D -35.3 (c, 0.41 in MeOH)

>>>**Derivative:** 1-*O*-[β-D-Allopyranosyl-(1→3)-[3,4-dihydroxy-*E*-cinnamoyl-(→4)]-β-D-glucopyranoside]
Synonym(s): Plantalloside

Type of Compound Code(s): VE9200 VG0060
Molecular Formula: C₂₉H₃₆O₁₆
Molecular Weight: 640.594
Accurate Mass: 640.20034
Percentage Composition: C 54.37%; H 5.66%; O 39.96%
Biological Source: Constit. of *Plantago myosuroides*
Physical Description: Foam + 1½H₂O
Optical Rotation: [α]_D²¹ -51 (c, 0.1 in MeOH)

>>>**Derivative:** 1-*O*-[β-D-Glucopyranosyl-(→3)-3,4-dihydroxy-*E*-cinnamoyl-(→4)]-β-D-glucopyranoside]
Synonym(s): Purpureaside A. Plantamajoside. Plantamoside

CAS Registry Number: 104777-68-6
Type of Compound Code(s): VE9200
Molecular Formula: C₂₉H₃₆O₁₆
Molecular Weight: 640.594
Accurate Mass: 640.20034
Percentage Composition: C 54.37%; H 5.66%; O 39.96%
Biological Source: Isol. from the leaves of *Digitalis purpurea*, *Lagotis stolonifera* and *Plantago major*
Use/Importance: Exhibits antibacterial activity against *E. coli*, *Staphylococcus aureus* and several plant pathogenic bacteria. Decreases some human leukocyte functions
Physical Description: Amorph. powder
Optical Rotation: [α]_D¹⁹ -54.3 (c, 0.8 in MeOH)