



Biological Source: Constit. of *Ilex latifolia*

Physical Description: Powder

Melting Point: Mp 212-215°

>>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-xylopyranoside]

Synonym(s): Ilexsaponin B₁

CAS Registry Number: 109008-27-7

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: Constit. of *Ilex pubescens*

Physical Description: Cryst. (MeOH)

Optical Rotation: [α]_D²⁰ -9.6 (c, 1.01 in Py)

>>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-xylopyranoside], 28-*O*-β-D-glucopyranosyl ester

Synonym(s): Ilexsaponin B₃

CAS Registry Number: 109008-26-6

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 *Ilex pubescens*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁰ +10 (c, 0.4 in MeOH)

>>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-β-D-glucopyranosyl-(1→2)-β-D-xylopyranoside]

Synonym(s): Ilexsaponin B₂

CAS Registry Number: 108906-69-0

Type of Compound Code(s): VS8650

Molecular Formula: C₄₇H₇₆O₁₇

Molecular Weight: 913.107

Accurate Mass: 912.508255

Percentage Composition: C 61.82%; H 8.39%; O 29.79%

Biological Source: Constit. of *Ilex pubescens*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 240-243°

Optical Rotation: [α]_D²⁰ -15.3 (c, 1.2 in Py)

>>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-[β-D-glucopyranosyl-(1→3)]-α-L-arabinopyranoside], 28-*O*-β-D-glucopyranoside

Synonym(s): Latifoloside E

Type of Compound Code(s): VS8650

Molecular Formula: C₅₃H₈₆O₂₂

Molecular Weight: 1075.249

Accurate Mass: 1074.56108

Percentage Composition: C 59.20%; H 8.06%; O 32.74%

Biological Source: Constit. of *Ilex latifolia*

Physical Description: Powder

Melting Point: Mp 228-230°

>>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-[β-D-glucopyranosyl-(1→3)]-α-L-arabinopyranoside], 28-*O*-[α-L-rhamnopyranosyl-(1→2)-β-D-glucopyranosyl] ester

Synonym(s): Latifoloside F

Type of Compound Code(s): VS8650

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 *Ilex latifolia*

Melting Point: Mp 235-238°

References: