



>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→6)-β-D-glucopyranoside], 28-*O*-[β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl] ester

CAS Registry Number: 287389-98-4

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 *Gymnema sylvestre*

Physical Description: Amorph. powder

Melting Point: Mp 209-211°

Optical Rotation: [α]_D²⁰ -12.1 (c, 0.12 in MeOH)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→4)-β-D-glucuronopyranoside], 28-*O*-[α-L-rhamnopyranosyl-(1→3)-β-D-glucopyranosyl] ester

Synonym(s): Polyscioside G

CAS Registry Number: 202585-91-9

Molecular Formula: C₅₄H₈₆O₂₃

Molecular Weight: 1103.26

Accurate Mass: 1102.555995

Percentage Composition: C 58.79%; H 7.86%; O 33.35%

Biological Source: Constit. of *Polyscias fruticosa*

Physical Description: Powder

Optical Rotation: [α]_D²⁶ -12.1 (c, 0.33 in MeOH)

>>Derivative: 3-*O*-[α-L-Arabinofuranosyl-(1→3)-*O*-[α-L-arabinofuranosyl-(1→4)]-β-D-glucuronopyranoside], 28-*O*-β-D-glucopyranosyl ester

Synonym(s): Araloside B. Oleanoside C

CAS Registry Number: 7518-23-2

Molecular Formula: C₅₂H₈₂O₂₂

Molecular Weight: 1059.207

Accurate Mass: 1058.52978

Percentage Composition: C 58.97%; H 7.80%; O 33.23%

Biological Source: From *Aralia elata* and *Aralia mandshurica*

Physical Description: Amorph.

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

Synonym(s): Kalopanax saponin G

CAS Registry Number: 171370-50-6

Molecular Formula: C₅₃H₈₄O₂₃

Molecular Weight: 1089.233

Accurate Mass: 1088.540345

Percentage Composition: C 58.44%; H 7.77%; O 33.78%

Biological Source: Constit. of *Kalopanax septemlobus*

Other Data: Error in name in abstract

>>Derivative: 3-*O*-[α-L-Arabinofuranosyl-(1→4)-[β-D-glucopyranosyl-(1→6)]-β-D-glucuronopyranoside], 28-*O*-β-D-glucopyranosyl ester

Synonym(s): Chikusetsusaponin Ib

CAS Registry Number: 59252-87-8

Molecular Formula: C₅₃H₈₄O₂₃

Molecular Weight: 1089.233

Accurate Mass: 1088.540345

Percentage Composition: C 58.44%; H 7.77%; O 33.78%

Biological Source: Constit. of *Panax japonicum*

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 177°

Optical Rotation: [α]_D²⁴ -17.9 (c, 1 in MeOH)

>>Derivative: 3-*O*-[α-L-Arabinopyranosyl-(1→3)-[β-D-xylopyranosyl-(1→2)]-β-D-glucuronopyranoside], 28-*O*-β-D-glucopyranosyl ester

Synonym(s): Hemsloside Ma 2. Momordin IIe

CAS Registry Number: 96158-12-2