



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 *Fatsia japonica* and *Hedera canariensis*
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 222-224°
Optical Rotation: [α]_D²⁵ +42.1 (c, 0.24 in MeOH) (+38)

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

CAS Registry Number: 75621-04-4
Type of Compound Code(s): VS8300
Molecular Formula: C₅₃H₈₆O₂₂
Molecular Weight: 1075.249
Accurate Mass: 1074.56108
Percentage Composition: C 59.20%; H 8.06%; O 32.74%
Biological Source: Isol. from *Fatsia japonica*
Melting Point: Mp 210-215 dec.°
Optical Rotation: [α]_D²⁵ +16.6 (MeOH aq.)

>> **Derivative:** 3-*O*- β -D-Glucopyranoside
Synonym(s): Eclalbasaponin II. Ecliptasaponin A

CAS Registry Number: 78285-90-2
Type of Compound Code(s): VS8300
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 *Eclipta alba*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 237-238°
Optical Rotation: [α]_D²⁸ +6.8 (c, 1.07 in MeOH)

>> **Derivative:** 3-*O*- β -D-Glucopyranoside, 28-*O*- α -L-arabinopyranosyl ester
Synonym(s): Asterlingulatoside A

CAS Registry Number: 184777-32-0
Type of Compound Code(s): VS8300
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 *Aster lingulatus*
Physical Description: Amorph. powder
Melting Point: Mp 199-201°
Optical Rotation: [α]_D +7.6 (c, 1 in MeOH)

>> **Derivative:** 3-*O*- β -D-Glucopyranoside, 28-*O*- β -D-glucopyranosyl ester
Synonym(s): Lebbekanin A. Eclalbasaponin I

CAS Registry Number: 52440-26-3
Type of Compound Code(s): VS8300
Molecular Formula: C₄₂H₆₈O₁₄
Molecular Weight: 796.991
Accurate Mass: 796.46091
Percentage Composition: C 63.30%; H 8.60%; O 28.10%
Biological Source: Isol. from *Albizzia lebbek* and *Eclipta alba*
Melting Point: Mp 205-206°. Mp 252-254°
Optical Rotation: [α]_D²⁸ +1 (c, 1.27 in MeOH)
Other Data: Lebbekanin A and Eclalbasaponin I not compared. Higher Mp. and opt. rotn. refer to Eclalbasaponin I