



Accurate Mass: 896.51334
Percentage Composition: C 62.93%; H 8.54%; O 28.54%
Biological Source: Constit. of *Pavonia zeylanica*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 230°

>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-xylopyranosyl-(1 $\rightarrow$ 2)- β -D-glucuronopyranoside]

CAS Registry Number: 155473-33-9

Molecular Formula: C₄₇H₇₄O₁₇
Molecular Weight: 911.091
Accurate Mass: 910.492605
Percentage Composition: C 61.96%; H 8.19%; O 29.85%
Biological Source: Constit. of *Schefflera lucantha*
Physical Description: Powder
Melting Point: Mp 215-219° (dec.)
Optical Rotation: [α]_D -52.2 (c, 0.32 in MeOH)

>>Derivative: 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 2)- β -D-glucuronopyranoside]

CAS Registry Number: 155473-32-8

Molecular Formula: C₄₈H₇₆O₁₈
Molecular Weight: 941.118
Accurate Mass: 940.50317
Percentage Composition: C 61.26%; H 8.14%; O 30.60%
Biological Source: Constit. of *Schefflera lucantha*
Physical Description: Powder
Melting Point: Mp 216-220° (dec.)
Optical Rotation: [α]_D -67.7 (c, 0.31 in MeOH)

>>Derivative: 3-Ac

CAS Registry Number: 10376-50-8
Molecular Formula: C₃₂H₅₀O₄
Molecular Weight: 498.745
Percentage Composition: C 77.06%; H 10.10%; O 12.83%
Physical Description: Needles (EtOAc)
Melting Point: Mp 285-287°
UV: [neutral] $\lambda_{\max}$ 212 () (MeOH) (Berdy)

>>Derivative: 3-Ac, Me ester

Molecular Formula: C₃₃H₅₂O₄
Molecular Weight: 512.771
Accurate Mass: 512.38656
Percentage Composition: C 77.30%; H 10.22%; O 12.48%
Biological Source: Isol. from wood of *Betula verrucosa*
Physical Description: Cryst. (EtOH)
Melting Point: Mp 206-209°
Optical Rotation: [α]_D +14 (c, 0.5 in CHCl₃)

>>Derivative: 3-Ketone
Synonym(s): 3-Oxo-20(29)-lupen-28-oic acid. **Betulonic acid.** Liquidambronic acid

CAS Registry Number: 4481-62-3

Molecular Formula: C₃₀H₄₆O₃
Molecular Weight: 454.692
Accurate Mass: 454.344695
Percentage Composition: C 79.25%; H 10.20%; O 10.56%
Biological Source: Constit. of *Akania lucens*, *Platanus hybrida* and other plant spp.
Physical Description: Cryst. (EtOH)
Melting Point: Mp 253° (dec.)
Optical Rotation: [α]_D +31 (CHCl₃)

References: