



Molecular Weight: 572.867
Accurate Mass: 572.444075
Percentage Composition: C 75.48%; H 10.56%; O 13.96%
Biological Source: Constit. of *Cordia obliqua*

>>Derivative: 3-*O*-[α -L-Arabinofuranosyl-(1 $\rightarrow$ 4)- β -D-glucuronopyranoside]

CAS Registry Number: 78657-53-1

Molecular Formula: C₄₁H₆₆O₁₁
Molecular Weight: 734.966
Accurate Mass: 734.460515
Percentage Composition: C 67.00%; H 9.05%; O 23.95%
Biological Source: Constit. of *Acanthus illicifolius*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 262-264 dec.°

>>Derivative: [β -D-Xylopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranoside]

Synonym(s): Lupeoside

CAS Registry Number: 111216-33-2

Molecular Formula: C₄₁H₆₈O₁₀
Molecular Weight: 720.982
Accurate Mass: 720.48125
Percentage Composition: C 68.30%; H 9.51%; O 22.19%

>>Derivative: Ac

CAS Registry Number: 1617-68-1

Molecular Formula: C₃₂H₅₂O₂
Molecular Weight: 468.762
Accurate Mass: 468.39673
Percentage Composition: C 81.99%; H 11.18%; O 6.83%
Biological Source: Found in *Vernonia cinerea* and many other plants
Use/Importance: Possesses antiulcer props.
Melting Point: Mp 215-216°
Optical Rotation: [α]_D³⁰ +46.2 (c, 1.5 in CHCl₃)
Calculated Log P Data: Log P 11.46 (uncertain value) (calc)

>>Derivative: 2*E*-Butenoyl

Synonym(s): Lupeol crotonate

CAS Registry Number: 208662-55-9

Molecular Formula: C₃₄H₅₄O₂
Molecular Weight: 494.799
Accurate Mass: 494.41238
Percentage Composition: C 82.53%; H 11.00%; O 6.47%
Biological Source: Constit. of *Pergularia extensa*
Physical Description: Needles (CHCl₃)
Melting Point: Mp 235-236°
Optical Rotation: [α]_D +44.5 (c, 1.2 in CHCl₃)

>>Derivative: 3-Methylbutanoyl

CAS Registry Number: 69987-13-9

Molecular Formula: C₃₅H₅₈O₂
Molecular Weight: 510.842
Accurate Mass: 510.44368
Percentage Composition: C 82.29%; H 11.44%; O 6.26%
Biological Source: Constit. of *Calotropis gigantea* and *Hoya bella*

>>Derivative: Hexanoyl

Synonym(s): Hexanoyllupeol. Cynanester A