>>**Derivative:** Cinnamoyl
Synonym(s): Dioslupecin A

CAS Registry Number: 65883-50-3

Molecular Formula: $C_{39}H_{56}O_2$
Molecular Weight: 556.87
Accurate Mass: 556.42803
Percentage Composition: C 84.12%; H 10.14%; O 5.75%
Biological Source: Constit. of *Diospyros maritima*
Physical Description: Orange amorph. powder
Melting Point: Mp 128-131°
Optical Rotation: $[\alpha]_D$ +201.7 (c, 0.1 in $CHCl_3$)
UV: [neutral] λ_{max} 206 (log ε 4.3); 227 (log ε 4.2); 314 (log ε 4.4) (no solvent reported)
Other Data: Prob. identical with Lupeol cinnamate above

>>**Derivative:** 4-Hydroxycinnamoyl(*E*-)

CAS Registry Number: 192519-82-7

Molecular Formula: $C_{39}H_{56}O_3$
Molecular Weight: 572.87
Accurate Mass: 572.422945
Percentage Composition: C 81.77%; H 9.85%; O 8.38%
Biological Source: Constit. of *Acacia dealbata*
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 130°

>>**Derivative:** 4-Hydroxycinnamoyl(*Z*-)
Synonym(s): 3-(*Z*)-Coumaroyllupeol

CAS Registry Number: 217456-09-2

Molecular Formula: $C_{39}H_{56}O_3$
Molecular Weight: 572.87
Accurate Mass: 572.422945
Percentage Composition: C 81.77%; H 9.85%; O 8.38%
Biological Source: Constit. of *Diospyros maritima*
Physical Description: Amorph. solid
Optical Rotation: $[\alpha]_D^{20}$+35.2 (c, 0.1 in $CHCl_3$)
UV: [neutral] λ_{max} 310 (log ε 4.56) (MeOH)

>>**Derivative:** 4-Hydroxycinnamoyl
Synonym(s): Coumaroyllupeol

Molecular Formula: $C_{39}H_{56}O_3$
Molecular Weight: 572.87
Accurate Mass: 572.422945
Percentage Composition: C 81.77%; H 9.85%; O 8.38%
Biological Source: Constit. of *Acacia trineura*
Physical Description: Pale yellow solid
Melting Point: Mp 82-85°
Optical Rotation: $[\alpha]_D^{25}$+240 (c, 0.005 in $CHCl_3$)
UV: [neutral] λ_{max} 293 (ε 8500) ($CHCl_3$)
Other Data: May be identical with the *E*-isomer characterised above, but the props. do not correspond

>>**Derivative:** (3,4-Dihydroxycinnamoyl)(*E*-)
Synonym(s): Lupeol caffeate

CAS Registry Number: 103917-26-6
Extra CAS Registry Numbers(s): 171596-07-9