



Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Biological Source: Constit. of *Plumeria obtusa*

>> **Derivative:** 3,27-Bis(4-hydroxycinnamoyl)(*E*-)

Synonym(s): Asprellic acid A

CAS Registry Number: 152509-92-7

Type of Compound Code(s): VS8300

Molecular Formula: C₄₈H₆₀O₈

Molecular Weight: 764.997

Accurate Mass: 764.42882

Percentage Composition: C 75.36%; H 7.91%; O 16.73%

Biological Source: Constit. of *Ilex asprella*

Physical Description: Needles (EtOAc)

Melting Point: Mp 250-252°

Optical Rotation: [α]_D²⁰ +122 (c, 0.85 in Py)

>> **Derivative:** 27-(3,4-Dihydroxycinnamoyl)(*E*-)

Synonym(s): Myriceric acid B

CAS Registry Number: 55497-79-5

Type of Compound Code(s): VS8300

Molecular Formula: C₃₉H₅₄O₇

Molecular Weight: 634.851

Accurate Mass: 634.386955

Percentage Composition: C 73.79%; H 8.57%; O 17.64%

Biological Source: Constit. of *Melanthus comosus*, *Rhoiptelea chiliantha* and *Myrica cerifera*

Physical Description: Cryst.

Melting Point: Mp 228-230°

Optical Rotation: [α]_D +129 (c, 0.7 in Py)

>> **Derivative:** 3,27-Bis(3,4-dihydroxycinnamoyl)(*E*-)

Synonym(s): 3,27-Dicaffeoyloxy-12-oleanen-28-oic acid. **Myriceric acid C**

CAS Registry Number: 152045-50-6

Extra CAS Registry Numbers(s): 162059-94-1

Type of Compound Code(s): VS8300

Molecular Formula: C₄₈H₆₀O₁₀

Molecular Weight: 796.996

Accurate Mass: 796.41865

Percentage Composition: C 72.34%; H 7.59%; O 20.07%

Biological Source: Constit. of *Myrica cerifera* and *Rhoiptelea chiliantha*

Physical Description: Needles (MeOH)

Melting Point: Mp 241-243°

Optical Rotation: [α]_D +162 (c, 1 in Py) (+88)

Other Data: The *Rhoiptelea chiliantha* isolate, to which the lower opt. rotn. refers, was of unspecified geom. isom.

>> **Derivative:** 27-(4-Hydroxy-3-methoxycinnamoyl)(*E*-)

Synonym(s): Uncarinic acid A

CAS Registry Number: 206256-62-4

Type of Compound Code(s): VS8300

Molecular Formula: C₄₀H₅₆O₇

Molecular Weight: 648.878

Accurate Mass: 648.402605

Percentage Composition: C 74.04%; H 8.70%; O 17.26%

Biological Source: Constit. of *Rhoiptelea chiliantha* and *Uncaria rhynchophylla*

Physical Description: Amorph. powder

Melting Point: Mp 263-266 dec.°

Optical Rotation: [α]_D²⁴ +52.6 (c, 0.8 in MeOH)

UV: [neutral] $\lambda_{\max}$ 203 (log ϵ 4.21); 236 (log ϵ 3.95); 327 (log ϵ 4.2) (2-propanol)