



Biological Source: Constit. of *Alnus* spp. and *Lithocarpus* spp. and others

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 304-305°

Optical Rotation: [α]_D +9 (CHCl₃)

>>Derivative: *O*-Tetracosanoyl

CAS Registry Number: 29347-91-9

Molecular Formula: C₅₄H₉₆O₂

Molecular Weight: 777.351

Accurate Mass: 776.74103

Percentage Composition: C 83.44%; H 12.45%; O 4.12%

Biological Source: Isol. from *Mimusops littoralis* bark

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

Synonym(s): Careaborin

CAS Registry Number: 79295-82-2

Molecular Formula: C₃₉H₅₆O₃

Molecular Weight: 572.87

Accurate Mass: 572.422945

Percentage Composition: C 81.77%; H 9.85%; O 8.38%

Biological Source: Isol. from *Careya arborea*

Melting Point: Mp 257-258°

>>Derivative: *O*-(4-Hydroxycinnamoyl)(*Z*-)

Synonym(s): *cis*-Careaborin

CAS Registry Number: 132046-11-8

Molecular Formula: C₃₉H₅₆O₃

Molecular Weight: 572.87

Accurate Mass: 572.422945

Percentage Composition: C 81.77%; H 9.85%; O 8.38%

Biological Source: Constit. of *Rhizophora apiculata*

Physical Description: Amorph.

Melting Point: Mp 275 dec.°

>>Derivative: Me ether

Synonym(s): 3-Methoxy-14-taraxerene. **Sawamilletin.** Crusgallin

CAS Registry Number: 14021-23-9

Molecular Formula: C₃₁H₅₂O

Molecular Weight: 440.751

Accurate Mass: 440.401815

Percentage Composition: C 84.48%; H 11.89%; O 3.63%

Biological Source: Constit. of *Echinochloa crusgalli*, *Saccharum officinarum*, *Diospyros ferrea*, *Bosistoa* sp., *Mimusops littoralis*

Physical Description: Cryst.

Melting Point: Mp 278°

Optical Rotation: [α]_D +8.2

>>Derivative: 3-Ketone

Synonym(s): 14-Taraxeren-3-one. **Taraxerone.** Skimmione. Protalnulin

CAS Registry Number: 514-07-8

Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

Percentage Composition: C 84.84%; H 11.39%; O 3.77%

Biological Source: Constit. of Alder bark, *Skimmia laureola*, *Euphorbia* spp., *Mimusops* spp. and a number of others

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 245°

References: