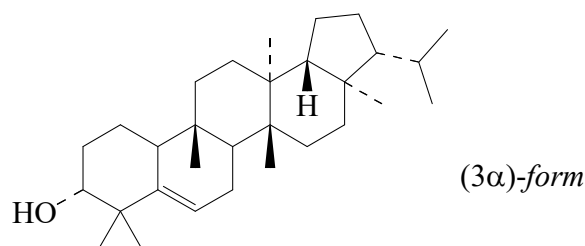




>>Entry Name: 5-Adianen-3-ol



Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

>>Variant: 3 α -form

CAS Registry Number: 2605-19-8

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of *Adiantum capillus-veneris*

>>Variant: 3 β -form

Synonym(s): Simiarenol. Simiarol

CAS Registry Number: 1615-94-7

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of the leaves of *Rhododendron simiarum* and *Imperata cylindrica*. Also from *Calophyllum* spp. and others incl. grasses

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 209-210°

Optical Rotation: [α]_D +50.8 (CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 5-Adianen-3-one. **Simiarenone.** Simiarone

CAS Registry Number: 2318-78-7

Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

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

Biological Source: Isol. from *Mesua myrtifolia* and *Schinus terebinthifolius*

Melting Point: Mp 206-207°

Optical Rotation: [α]_D²⁷ +27.1 (CHCl₃)

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