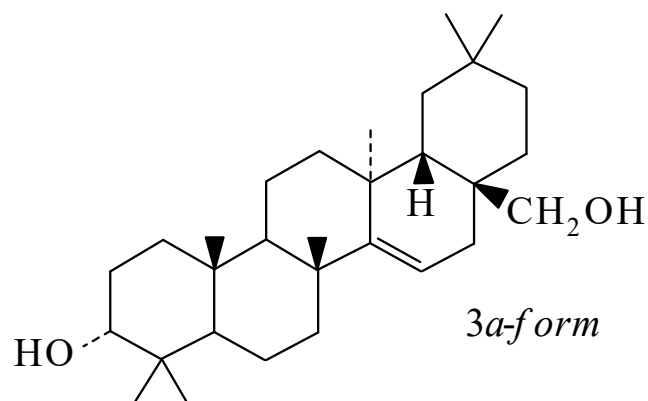




>>Entry Name: 14-Taraxerene-3,28-diol

Synonym(s): D-Friedo-14-oleanene-3,28-diol, 9Cl



Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

>>Variant: 3 α -form

Synonym(s): Isomyricadiol

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Constit. of *Tamarix aphylla*

>>Variant: 3 β -form

Synonym(s): Myricadiol. Myricardiol

CAS Registry Number: 17884-88-7

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Constit. of *Lithocarpus cornea*, *Myrica* spp., *Scaveola frutescens* and others

Physical Description: Cryst. (MeOH)

Melting Point: Mp 271-273°

Optical Rotation: $[\alpha]_D +8$ (c, 0.8 in CHCl₃)

>>Derivative: 3-Ac

CAS Registry Number: 97868-11-6

Molecular Formula: C₃₂H₅₂O₃

Molecular Weight: 484.761

Accurate Mass: 484.391645

Percentage Composition: C 79.29%; H 10.81%; O 9.90%

Melting Point: Mp 257-258°

>>Derivative: 3-Ketone

Synonym(s): 28-Hydroxy-14-taraxeren-3-one. Miricolone

CAS Registry Number: 88717-97-9

Molecular Formula: C₃₀H₄₈O₂

Molecular Weight: 440.708

Accurate Mass: 440.36543

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

Biological Source: Isol. from *Myrica rubra* and *Alnaster fruticosus*

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 225-227° (202-204°)

Optical Rotation: $[\alpha]_D^{20} -0.2$ (c, 1 in CHCl₃)

References: