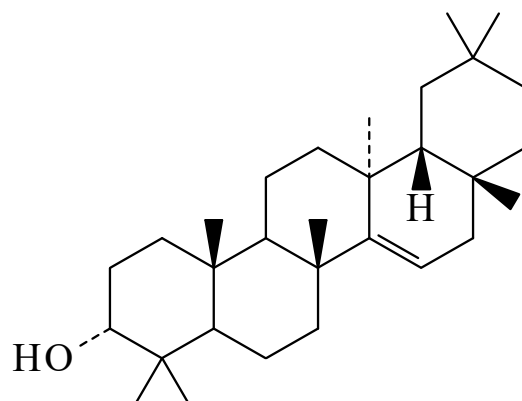




>>Entry Name: 14-Taraxeren-3-ol

Synonym(s): D-Friedoolean-14-en-3-ol, 9Cl



3α-form

CAS Registry Number: 81654-73-1

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

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

>>Variant: 3α-form

Synonym(s): Isotaraxerol. Epitaraxerol

CAS Registry Number: 20460-33-7

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 *Euphorbia royleana*, *Suttonia australis*, *Macranga denticulata*, *Skimmia wallichii* and others

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 267-269°

Optical Rotation: $[\alpha]_D^{20} -11.6$ (c, 0.875 in CHCl₃)

>>Derivative: 3-Ac

Synonym(s): Epitaraxeryl acetate

CAS Registry Number: 20460-35-9

Biological Source: Isol. from *Melaleuca leucadendron*

Physical Description: Cryst. (petrol)

Melting Point: Mp 163-164°

Optical Rotation: $[\alpha]_D -370$ (CHCl₃)

>>Variant: 3β-form

Synonym(s): Taraxerol. Skimmiol†. Alnulin

CAS Registry Number: 127-22-0

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 *Taraxacum officinale*, *Alnus* spp., *Skimmia japonica*, *Rhododendron* spp., *Euphorbia* spp. and other plants. Rather widely distributed. Also isol. from the lichen *Pertusaria ophthalmiza* (poss. not a genuine lichen constit.)

Use/Importance: Possesses antiulcer props.

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 282-283°

Optical Rotation: $[\alpha]_D^{20} +0.72$ (c, 0.974 in CHCl₃)

Calculated Log P Data: Log P 10.66 (uncertain value) (calc)

Other Data: Prob. identical with Pertusarin from the lichen *Pertusaria communis* (Hesse, 1898)