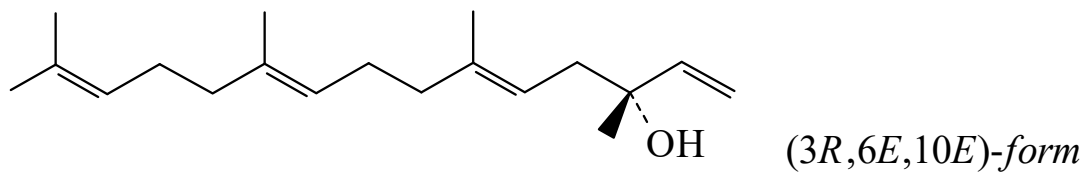




>>Entry Name: 1,6,10,14-Phytatetraen-3-ol

Synonym(s): 3,7,11,15-Tetramethyl-1,6,10,14-hexadecatetraen-3-ol



CAS Registry Number: 1113-21-9

Related CAS Registry Numbers(s): 2211-30-5

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Fluka: 48809

>>Variant: (3*R*,6*E*,10*E*)-form

Synonym(s): Geranyllinalool

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Biological Source: Constit. of *Picea abies* and *Picea obovata*

Physical Description: Oil

Boiling Point: Bp_{0.005} 115°

Optical Rotation: [α]_D -14.1 (c, 0.34 in CHCl₃) (-10.1)

Refractive Index: n_D²⁴ 1.4878

>>Variant: (3*S*,6*E*,10*E*)-form

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Biological Source: Constit. of Jasmin oil

Boiling Point: Bp_{0.005} 115°

Optical Rotation: [α]_D +14.5

References:

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