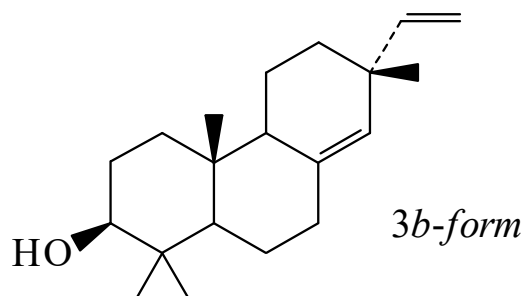




>>Entry Name: 8(14),15-Isopimaradien-3-ol

Synonym(s): 8(14),15-Sandaracopimaradien-3-ol



Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>Variant: 3β-form

CAS Registry Number: 4728-30-7

Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

Biological Source: Constit. of the wood of *Xylia dolabriformis*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 126.5-127.5°

Optical Rotation: [α]_D −19.5 (c, 5 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 8(14),15-Isopimaradien-3-one. 8(14),15-Sandaracopimaradien-3-one

Molecular Formula: C₂₀H₃₀O

Molecular Weight: 286.456

Accurate Mass: 286.229665

Percentage Composition: C 83.86%; H 10.56%; O 5.59%

Biological Source: Constit. of the wood of *Xylia dolabriformis*

Physical Description: Platelets (MeOH)

Melting Point: Mp 59-60°

Optical Rotation: [α]_D −56 (c, 2 in CHCl₃)

>>Variant: (ent-3β)-form

CAS Registry Number: 30294-96-3

Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

Biological Source: Isol. from heartwood of *Cleistanthus schlechteri*

Melting Point: Mp 126°

Optical Rotation: [α]_D +12.5 (c, 1 in CHCl₃)

References:

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van Tamelen, E.E. *et al.*, *J.A.C.S.*, 1975, **97**, 5614, (*synth*)