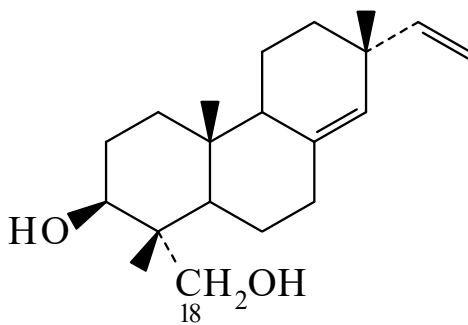




>>Entry Name: **8(14),15-Isopimaradiene-3,18-diol**
Synonym(s): 8(14),15-Sandaracopimaradiene-3,18-diol



Molecular Formula: C₂₀H₃₂O₂
Molecular Weight: 304.472
Accurate Mass: 304.24023
Percentage Composition: C 78.90%; H 10.59%; O 10.51%

>>Variant: 3β-form

CAS Registry Number: 59219-64-6

Molecular Formula: C₂₀H₃₂O₂
Molecular Weight: 304.472
Accurate Mass: 304.24023
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Constit. of *Juniperus thurifera* and *Xylia dolabriformis*
Physical Description: Cryst. (C₆H₆ or petrol)
Melting Point: Mp 152-153°
Optical Rotation: [α]_D -18.5 (c, 4 in CHCl₃)

>>Derivative: 18-Carboxylic acid
Synonym(s): 3β-Hydroxy-8(14),15-isopimaradien-18-oic acid. **3β-Hydroxysandaracopimaric acid**

CAS Registry Number: 35951-45-2

Molecular Formula: C₂₀H₃₀O₃
Molecular Weight: 318.455
Accurate Mass: 318.219495
Percentage Composition: C 75.43%; H 9.49%; O 15.07%
Biological Source: Constit. of *Juniperus rigida*
Physical Description: Cryst.
Melting Point: Mp 261°
Optical Rotation: [α]_D²⁶ 0 (Py)

>>Derivative: 18-Carboxylic acid, Ac
Synonym(s): 3β-Acetoxysandaracopimaric acid

Molecular Formula: C₂₂H₃₂O₄
Molecular Weight: 360.492
Accurate Mass: 360.23006
Percentage Composition: C 73.30%; H 8.95%; O 17.75%
Biological Source: Constit. of *Dimorphotheca pluvialis*

>>Variant: (*ent*-β)-form
Synonym(s): **Oryzalexin F**

Molecular Formula: C₂₀H₃₂O₂
Molecular Weight: 304.472
Accurate Mass: 304.24023
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Phytoalexin from *Prycularia oryzae*
Physical Description: Needles
Melting Point: Mp 144-146°
Optical Rotation: [α]_D²⁰ +16.4 (c, 0.61 in CHCl₃)
UV: [neutral] λ_{max} 202 () (MeOH) (Berdy)