



Molecular Formula: C₂₁H₃₀O
Molecular Weight: 298.467
Accurate Mass: 298.229665
Percentage Composition: C 84.51%; H 10.13%; O 5.36%
Biological Source: Constit. of *Cryptomeria japonica*
Physical Description: Oil
Optical Rotation: [α]_D²⁵ -87 (c, 1 in CHCl₃)

>>Derivative: 14-Hydroxy

Synonym(s): 8,11,13-Abietatriene-12,14-diol. **14-Hydroxyferruginol**

Molecular Formula: C₂₀H₃₀O₂
Molecular Weight: 302.456
Accurate Mass: 302.22458
Percentage Composition: C 79.42%; H 10.00%; O 10.58%
Biological Source: Constit. of *Salvia montbretii*

>>Derivative: 15-Hydroxy

Synonym(s): 8,11,13-Abietatriene-12,15-diol. **15-Hydroxyferruginol**

CAS Registry Number: 76235-93-3

Molecular Formula: C₂₀H₃₀O₂
Molecular Weight: 302.456
Accurate Mass: 302.22458
Percentage Composition: C 79.42%; H 10.00%; O 10.58%
Biological Source: Constit. of *Chamaecyparis pisifera*
Physical Description: Cryst. (C₆H₆/hexane)
Melting Point: Mp 62-64.5°
Optical Rotation: [α]_D²⁵ -8.2 (c, 0.7 in MeOH)

>>Derivative: 16-Hydroxy

Synonym(s): 8,11,13-Abietatriene-12,16-diol. **16-Hydroxyferruginol**

Molecular Formula: C₂₀H₃₀O₂
Molecular Weight: 302.456
Accurate Mass: 302.22458
Percentage Composition: C 79.42%; H 10.00%; O 10.58%
Biological Source: Constit. of *Thujopsis dolabrata*
Physical Description: Cryst. (Et₂O/pentane)
Optical Rotation: [α]_D²⁹ +36.6 (c, 0.87 in CHCl₃)

>>Derivative: 1,3-Dioxo, Me ether

Synonym(s): **1,3-Dioxoferruginyl methyl ether**

CAS Registry Number: 18326-18-6

Molecular Formula: C₂₁H₂₈O₃
Molecular Weight: 328.45
Accurate Mass: 328.203845
Percentage Composition: C 76.79%; H 8.59%; O 14.61%
Biological Source: From *Cupressus sempervirens*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 176-177°
Optical Rotation: [α]_D +220 (c, 0.97 in CHCl₃)

>>Variant: 5 β -form

Molecular Formula: C₂₀H₃₀O
Molecular Weight: 286.456
Accurate Mass: 286.229665
Percentage Composition: C 83.86%; H 10.56%; O 5.59%