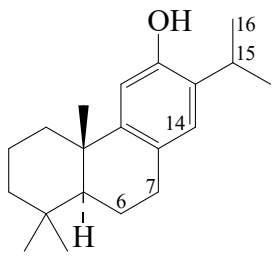
>>**Entry Name: 8,11,13-Abietatrien-12-ol**



5α-*form*

Molecular Formula: $C_{20}H_{30}O$
Molecular Weight: 286.456
Accurate Mass: 286.229665
Percentage Composition: C 83.86%; H 10.56%; O 5.59%

>>**Variant:** 5α-form
Synonym(s): Ferruginol‡

CAS Registry Number: 514-62-5

Molecular Formula: $C_{20}H_{30}O$
Molecular Weight: 286.456
Accurate Mass: 286.229665
Percentage Composition: C 83.86%; H 10.56%; O 5.59%
Biological Source: Constit. of resin of the Miro tree, *Podocarpus ferrugineus*. Also from *Podocarpus totara*, *Dacrydium* spp., *Cupressus* spp., *Cryptomeria japonica* and roots of *Inula royleana*
Physical Description: Oil
Boiling Point: $Bp_{0.3}$ 175°
Optical Rotation: $[\alpha]_D^{16}$+40.6 (EtOH)

>>**Derivative:** Ac

Molecular Formula: $C_{22}H_{32}O_2$
Molecular Weight: 328.494
Accurate Mass: 328.24023
Percentage Composition: C 80.44%; H 9.82%; O 9.74%
Physical Description: Cryst. (petrol)
Melting Point: Mp 81-82°
Optical Rotation: $[\alpha]_D^{16}$+60.3 (EtOH)

>>**Derivative:** Me ether
Synonym(s): 12-Methoxy-8,11,13-abietatriene

CAS Registry Number: 10064-26-3
Molecular Formula: $C_{21}H_{32}O$
Molecular Weight: 300.483
Accurate Mass: 300.245315
Percentage Composition: C 83.94%; H 10.73%; O 5.32%
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{25}$+45 (c, 0.07 in CH_2Cl_2) (>95%ee)

>>**Derivative:** 6,7-Didehydro
Synonym(s): 6,8,11,13-Abietatetraen-12-ol. **Δ^6-Dehydroferruginol.** 6,7-Didehydroferruginol

Molecular Formula: $C_{20}H_{28}O$
Molecular Weight: 284.441
Accurate Mass: 284.214015
Percentage Composition: C 84.45%; H 9.92%; O 5.62%
Biological Source: Isol. from woods of *Juniperus communis, Podocarpus dacrydioides* and *Salvia apiana*
Physical Description: Light yellow solid
Optical Rotation: $[\alpha]_D^{20}$–60 (EtOH)