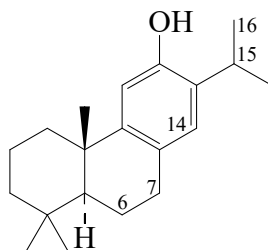




>>8,11,13-Abietatrien-12-ol



5 α -form

JRL81-J

C₂₀H₃₀O M 286.456. 286.229665. C 83.86%; H 10.56%; O 5.59%

>>5 α -form. Ferruginol[†]. KKM31-N [514-62-5]

Classification:VS5550

C₂₀H₃₀O M 286.456. 286.229665. C 83.86%; H 10.56%; O 5.59%. Constit. of resin of the Miro tree, *Podocarpus ferrugineus*. Also from *Podocarpus totara*, *Dacrydium* spp., *Cupressus* spp., *Cryptomeria japonica* and roots of *Inula royleana*

Oil. Bp_{0.3} 175°. [α]_D¹⁶+40.6 (EtOH)

>>Ac: JRL82-K C₂₂H₃₂O₂ M 328.494. 328.24023. C 80.44%; H 9.82%; O 9.74%. Cryst. (petrol). Mp 81-82°. [α]_D¹⁶+60.3 (EtOH)

>>Me ether: 12-Methoxy-8,11,13-abietatriene. KKM30-M [10064-26-3] C₂₁H₃₂O M 300.483. 300.245315. C 83.94%; H 10.73%; O 5.32%. Oil. [α]_D²⁵+45 (c, 0.07 in CH₂Cl₂) (>95%ee)

>>6,7-Didehydro: 6,8,11,13-Abietatetraen-12-ol. Δ^6 -Dehydroferruginol. 6,7-Didehydroferruginol. JHF04-S Classification:VS5550. C₂₀H₂₈O M 284.441. 284.214015. C 84.45%; H 9.92%; O 5.62%. Isol. from woods of *Juniperus communis*, *Podocarpus dacrydioides* and *Salvia apiana*. Light yellow solid. [α]_D²⁰-60 (EtOH)

>>6,7-Didehydro, Me ether: 12-Methoxy-6,8,11,13-abietatetraene. 6,7-Didehydroferruginol methyl ether. MNV02-P [70614-86-7] Classification:VS5550. C₂₁H₃₀O M 298.467. 298.229665. C 84.51%; H 10.13%; O 5.36%. Constit. of *Cryptomeria japonica*. Oil. [α]_D²⁵-87 (c, 1 in CHCl₃)

>>14-Hydroxy: 8,11,13-Abietatriene-12,14-diol. 14-Hydroxyferruginol. LLQ89-W Classification:VS5550. C₂₀H₃₀O₂ M 302.456. 302.22458. C 79.42%; H 10.00%; O 10.58%. Constit. of *Salvia montbretii*

>>15-Hydroxy: 8,11,13-Abietatriene-12,15-diol. 15-Hydroxyferruginol. JHQ41-E [76235-93-3]

Classification:VS5550. C₂₀H₃₀O₂ M 302.456. 302.22458. C 79.42%; H 10.00%; O 10.58%. Constit. of *Chamaecyparis pisifera*. Cryst. (C₆H₆/hexane). Mp 62-64.5°. [α]_D²⁵-8.2 (c, 0.7 in MeOH)

>>16-Hydroxy: 8,11,13-Abietatriene-12,16-diol. 16-Hydroxyferruginol. JRK65-C Classification:VS5550. C₂₀H₃₀O₂ M 302.456. 302.22458. C 79.42%; H 10.00%; O 10.58%. Constit. of *Thujopsis dolabrata*. Cryst. (Et₂O/pentane). [α]_D²⁹+36.6 (c, 0.87 in CHCl₃)

>>1,3-Dioxo, Me ether: 1,3-Dioxoferruginyl methyl ether. JHF02-Q [18326-18-6] Classification:VS5550. C₂₁H₂₈O₃ M 328.45. 328.203845. C 76.79%; H 8.59%; O 14.61%. From *Cupressus sempervirens*. Cryst. (MeOH). Mp 176-177°. [α]_D+220 (c, 0.97 in CHCl₃)

>>5 β -form. KKM32-O

C₂₀H₃₀O M 286.456. 286.229665. C 83.86%; H 10.56%; O 5.59%

>>6,7-Didehydro, Me ether: MNV01-O Classification:VS5550. C₂₁H₃₀O M 298.467. 298.229665. C 84.51%; H 10.13%; O 5.36%. Constit. of *Cryptomeria japonica*. Oil. [α]