

ν_{\max} (KBr) 1800 (CO) and 830 cm^{-1} (C=C); n.m.r.: δ 0.85 (C 10-Me), 0.92 (C 4 *gem* Me₂), 2.43 (s, C 11-H), and 5.12 (m, C 7-H).

1 α ,1 β ,10 β -Trimethyl-6-decalone (9)

A solution of the lactone hemiacetal (5) (0.40 g) in ethanol (20 ml) was treated with 1M sodium hydroxide solution (20 ml) and the mixture was heated under reflux under nitrogen for 3 h. The violet solution was diluted with water and extracted with ether. Workup of the extract gave *1 α ,1 β ,10 β -trimethyl-6-decalone* (80 mg) which crystallized from aqueous methanol as plates, m.p. 86–87° (Found: C, 80.4; H, 11.6. C₁₃H₂₂O requires C, 80.4; H, 11.4%). ν_{\max} (CHCl₃) 1705 cm^{-1} (CO); n.m.r.: δ 0.81, 0.86 (2s, C 4 *gem* Me₂), and 0.95 (C 10-Me).

Starting material (0.26 g) was recovered from the alkali-soluble portion after acidification.

1 α ,1 β ,10 β -Trimethyl-6-decalyl Acetate (11)

The ketone (9) (0.23 g, 1.2 mmol) was reduced with lithium aluminium tri-*t*-butoxy hydride (0.6 g, 2.4 mmol) in dry diglyme in the normal manner. Workup gave *1 α ,1 β ,10 β -trimethyl-6-decalol* (10) as an oil (0.23 g). ν_{\max} (CHCl₃) 3600 and 3400 cm^{-1} (OH); n.m.r.: δ 0.84, 0.86 (2s, C 4 *gem* Me₂), 1.12 (C 10-Me), and 4.02 (m, C 8-H).

The alcohol was treated with acetic anhydride (10 ml) and pyridine (0.5 ml) at 20° for 24 h. Workup gave *1 α ,1 β ,10 β -trimethyl-6-decalyl acetate* (100%) as an oil (Found: C, 75.2; H, 10.7. C₁₅H₂₆O₂ requires C, 75.6; H, 11.0%). ν_{\max} (CHCl₃) 1740 cm^{-1} (OAc); n.m.r.: δ 0.82, 0.88 (2s, C 4 *gem* Me₂), 1.03 (C 10-Me), 2.00 (OAc), and 4.95 (m, C 8-H).

Ozonolysis of Methyl 12-Hydroxypodocarpa-8,11,13-trien-19-oate

The methyl ester (1) (2.0 g) was ozonized by the reported method¹ to give 19-methoxycarbonyl-8 β -hydroperoxy-13,14,15,16,17-pentanorlabd-9(11)-ene-12,8 α -lactone (3) (50%), m.p. 184–187° (lit.¹ 185–187°) (correct i.r. and n.m.r. spectra). Hydrogenation gave 19-methoxycarbonyl-8-oxo-13,14,15,16,17-pentanorlabdan-12-oic acid (87%), m.p. 170–171° (lit.¹ 170–171°) (correct i.r. and n.m.r. spectra); dimethyl ester (100%), m.p. 90–93° (lit.¹ 96–97°).

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Corrigendum

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p. 1871, last line of Table 9: for A.f.e.^A (%) 4 4 read A.f.e.^A (%) 4 3