

(B) The reaction (A) was repeated with nitrogen absent during the reflux with acetic anhydride. Workup gave an oil which was triturated with hexane. The resulting solid was crystallized from aqueous methanol to give *5 α -androstane-3 β ,4 α ,17 β -triol 17 β -acetate* (8) as plates (1.15 g, 33%), m.p. 227–227.5° (Found: C, 72.1; H, 9.5. C₂₁H₃₄O₄ requires C, 72.0; H, 9.8%). ν_{\max} 3010 (OH), 1695 cm⁻¹ (OAc). ¹H n.m.r. δ 0.78, s, (H19)₃; 0.85, s, (H18)₃; 2.03, s, OAc; 3.80, m, $W_{h/2}$ 16 Hz, H3 and H4; 4.58, m, H17. The triacetate (11) had m.p. 146–148.5° (lit.⁷ 142–147°). ν_{\max} 1728 cm⁻¹ (OAc). ¹H n.m.r. δ 0.74, s, (H18)₃; 0.90, s, (H19)₃; 1.98, s, OAc; 4.68, m, $W_{h/2}$ 19 Hz, H3, H4 and H17.

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Corrigendum

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Page 218: *The inscription in the box under the diagram should read compounds (2), (3), (5) and (6) are racemates.*