



The stereochemistry of (8) was assigned from  $^1\text{H}$  n.m.r. data ( $\delta_{\text{Me}}$  1.16). Jackson and coworkers<sup>5</sup> report that the *syn* isomer of (8) has its methyl n.m.r. absorption at lower field ( $\delta$  1.28 p.p.m.) than the *anti* isomer ( $\delta$  1.16 p.p.m.). The attack of (7) by formaldehyde is stereospecific at the *exo*-position.

Similar stereospecificity has been found in the reduction

and alkylation of (tricarbonyl)indanonechromium and in the alkylation of (tricarbonyl)tetralonechromium.<sup>6,7</sup>

Satisfactory analytical and spectroscopic data have been obtained for all new compounds.

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<sup>5</sup> D. E. F. Gracey, W. R. Jackson, W. B. Janning, S. C. Rennison, and R. Spratt, *J. Chem. Soc. B*, 1969, 1210.

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<sup>7</sup> A. Meyer and G. Jaouen, *J. Chem. Soc., Chem. Commun.* 1974, 787.