

Experimental

Typical Experimental Procedure.—To a mixture of commercial grade aluminium powder (4.8 mmol) and CoCl_2 (2.4 mmol) was added THF (5 ml) and H_2O (1 ml). A mixture of aldehyde **2** (2.0 mmol) and the allylic halide **1** (2.4 mmol) was then added and the resultant mixture stirred at room temperature for 10–20 h. Progress of the reaction was monitored by TLC. The solution was then poured into water (50 mL) and extracted with dichloromethane (3×25 mL). The combined organic extracts were dried (anhydrous Na_2SO_4) and the solvent was removed *in vacuo*. The crude product **3** was purified by Kugelrohr distillation or flash chromatography or preparative thin layer chromatography to give the corresponding homoallylic alcohol. The results are summarized in Tables 1 and 2.

Received, 1st July 1997; Accepted, 8th December 1997
Paper E/7/04607C

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