CHEM1902/1904 2008-N-9 November 2008

• Complete the following table by drawing the structures of the intermediate and final organic product(s) as required. The intermediate product is formed when the starting material is treated with Reagent 1. The final product is formed when the intermediate product is treated with Reagent 2.

Marks
4

Starting material	Intermediate product	Final product
ОН	Reagent 1: SOCl <sub>2</sub>	Reagent 2: CH <sub>3</sub> NH <sub>2</sub>
ОН	Reagent 1: K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> / H <sup>®</sup>	Reagent 2: CH <sub>3</sub> OH / H <sup>®</sup>