• Give the name of the starting material where indicated and the constitutional formula(s) of the major organic product(s) formed in each of the following reactions. NB: if there is no reaction, write "no reaction".

Marks 3

$$\begin{array}{c|c} & \underline{\operatorname{Cr_2O_7}^{2\Theta}/\operatorname{H}^{\oplus}} \\ & & \text{no reaction} \end{array}$$

Name: 2,4-dimethylpentan-2-ol

OH
$$\frac{\text{conc. H}_2\text{SO}_4}{\text{heat}}$$