Chem 221 Worksheet

EAS Synthesis

Propose a synthesis for the following transformations.

a.
$$\begin{array}{c} \text{AICI}_3 \\ \text{MeCI} \\ \\ \text{Me} \end{array} \begin{array}{c} \text{CrO}_3, \text{H}_2\text{SO}_4 \\ \\ \text{H}_2\text{O} \\ \\ \text{OH} \end{array} \begin{array}{c} \text{HNO}_3 \\ \\ \text{H}_2\text{SO}_4 \\ \\ \text{OH} \end{array} \begin{array}{c} \text{HNO}_3 \\ \\ \text{H}_2\text{SO}_4 \\ \\ \text{OH} \end{array} \begin{array}{c} \text{OH} \\ \\ \text{H}_2\text{SO}_4 \\ \\ \text{OH} \end{array} \begin{array}{c} \text{OH} \\ \\ \text{H}_2\text{SO}_4 \\ \\ \text{OH} \\ \\ \text{OH}$$

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d.

e.

$$\begin{array}{c|c} & & & & \\ & &$$

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