CONCEPT: EAS – SEQUENCE GROUPS

Sequence groups are groups that have the ability to alter the sequence of an aromatic synthesis.

• These are groups that can be easily transformed into another type of director

1. Reduction of Nitro Groups

$$\begin{array}{c|c} & \textbf{LiAlH_4} \\ \hline Or & H_2, \text{Pd-C} \\ \hline Or & SnCl_2, H_2O \\ \hline Or & Fe, HCl \\ \hline \end{array}$$

2. Clemmenson Reduction

3. Side-Chain Oxidation