

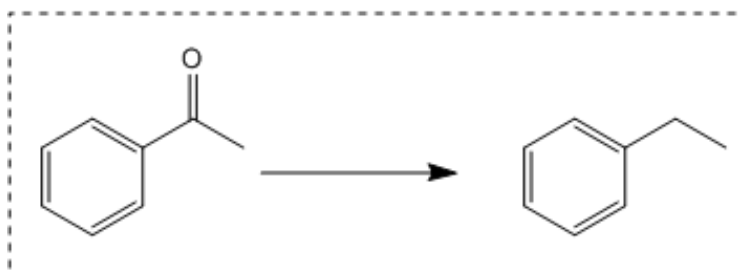
CONCEPT: DIAZO COMPOUNDS – SEQUENCE GROUPS

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:

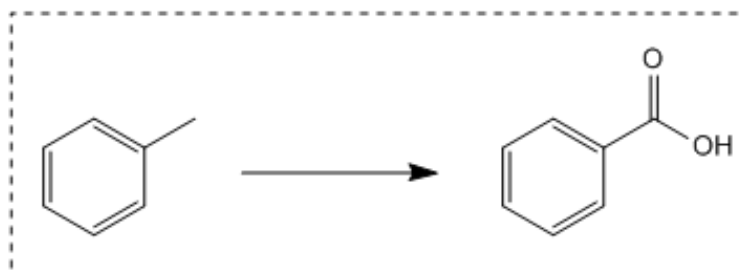
Blocking Groups are groups that act only to direct other reactions and are then completely removed.

- Hypophosphorous acid (H_3PO_2) is used to _____ the para position and _____ o-substitution.

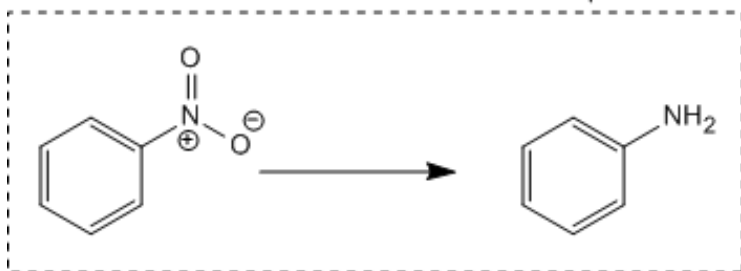
Clemmenson Reduction



Side Chain Oxidation



Reduction of Amide and Nitro Groups



Diazo-Substitution with o,p-Directors



Diazo-Substitution with a Proton

