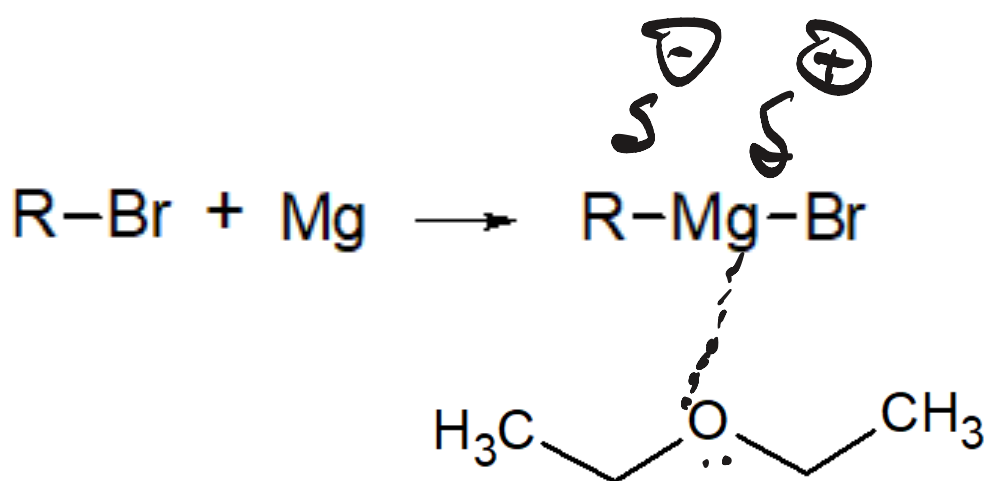
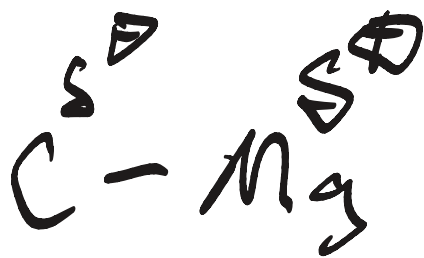


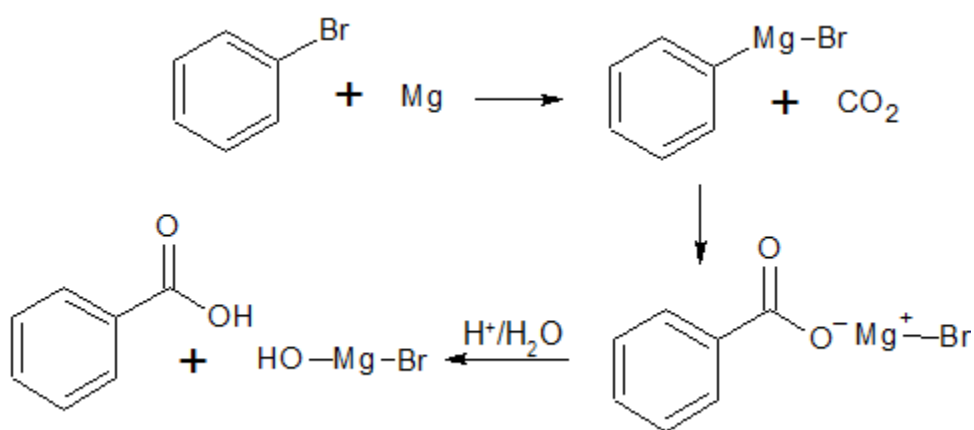
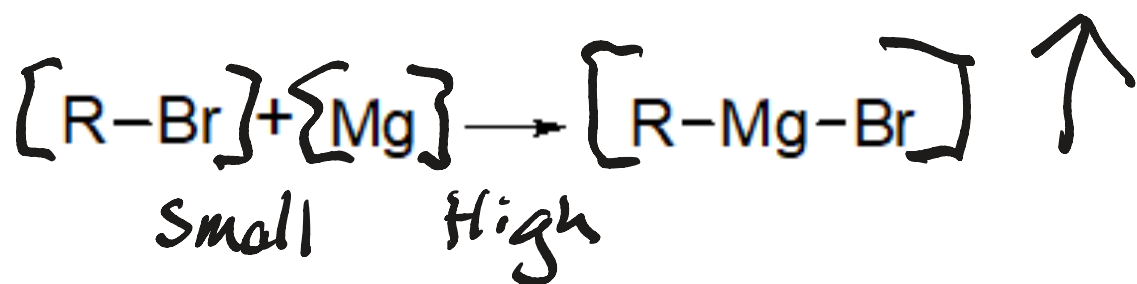
Organometallics

128L

9/10/26 

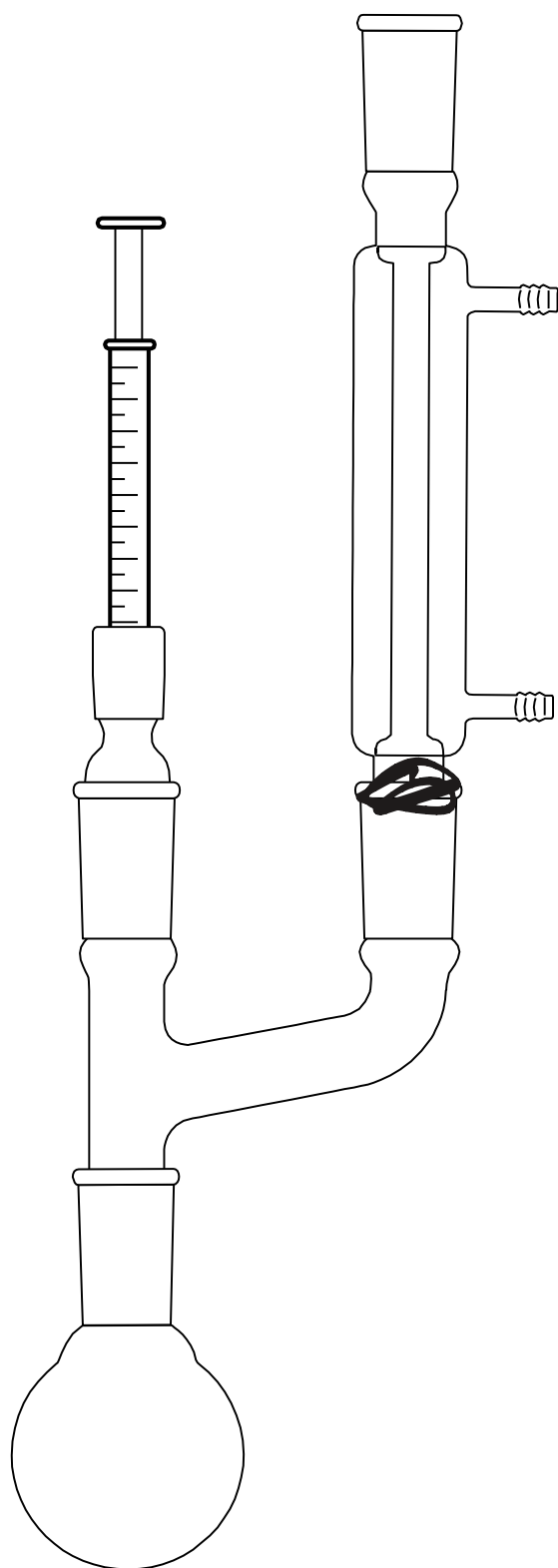


1. $\text{R}-\text{Mg}-\text{Br} + \text{O}=\text{O} \longrightarrow \text{R}-\overset{\ominus}{\text{O}}_2-\overset{\oplus}{\text{Mg}}-\text{Br}$
2. $\text{R}-\text{Mg}-\text{Br} + \text{O}=\text{C}=\text{O} \longrightarrow \text{R}-\overset{\ominus}{\text{C}}\text{O}_2-\overset{\oplus}{\text{Mg}}-\text{Br}$
3. $\text{R}-\text{Mg}-\text{Br} + \text{R}-\text{Br} \longrightarrow \text{R}-\text{R} + \text{MgBr}_2$



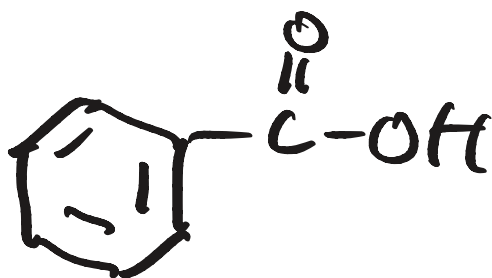
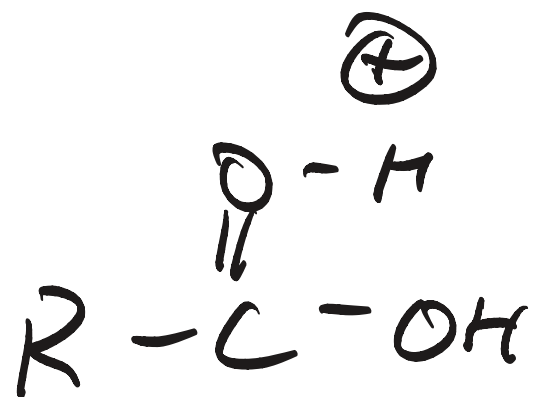
Sources of Water in a Reaction

1. Solvent
2. air
3. glass ware



mp, % yield, IR
602.

40-50%



C-H



