Lecture 12: Addition to Carbon-Carbon Pi Bonds Part 2
Discussion Section Problems Solutions

1. (a) \[
\text{H}_2\text{SO}_4 \quad \text{H}_2\text{O} \quad \text{OH}
\]

(b) \[
\text{H}_2\text{SO}_4 \quad \text{H}_2\text{O} \quad \text{OH}
\]

2. \[
\text{B is an abbreviation for an unspecified base. In this case B is most likely another molecules of the alcohol starting material, but it (less likely) might also be CF}_3\text{SO}_3^{-}; the conjugate base of CF}_3\text{SO}_3\text{H. B and B–H are abbreviations used in Chem 14D when the base and acid are uncertain. We'll use these abbreviations extensively when we start carbonyl chemistry in a few weeks.}\
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