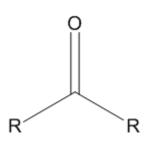
## **CONCEPT: NUCLEOPHILIC ADDITION**

□ One of the most important ways that carbonyl compounds react is through nucleophilic addition.



## Nucleophilic Addition General Mechanism:

Tetrahedral Intermediate

Substituted Alcohol

## Nucleophilic Addition General Reactions:

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