

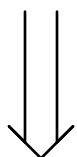
# Mechanism Summary

The following questions and mechanistic elements are described from the point of view of the carbon-containing reagent, written in the form of a flowchart.

Is there a strong acid present or is the carbon-containing reagent a strong base?

**YES** →

**Add a proton**

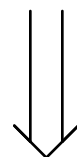


**NO**

Is there a strong base present or is the carbon-containing reagent a strong acid?

**YES** →

**Take a proton away**

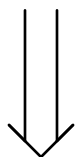


**NO**

Are there a nucleophile and electrophile present?

**YES** →

**Make a bond**

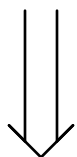


**NO**

Can a bond be broken to create stable molecules or ions?

**YES** →

**Break a bond**



**NO**

Think about alternative mechanistic elements