

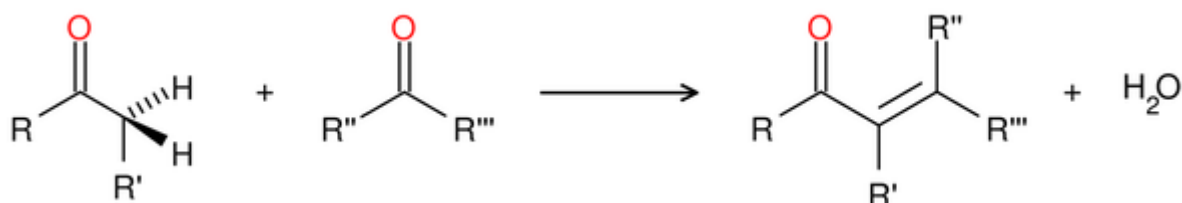
## Answer on Question #67177 - Chemistry - Organic Chemistry

### Question:

aldol condensation

### Answer:

An **aldol condensation** is a condensation reaction in organic chemistry in which an enol or an enolate ion reacts with a carbonyl compound to form a  $\beta$ -hydroxyaldehyde or  $\beta$ -hydroxyketone (an aldol reaction), followed by dehydration to give a conjugated enone.



The mechanism of this reaction illustrated below.

