

# **CHEM – 647**

## **Organic synthesis**



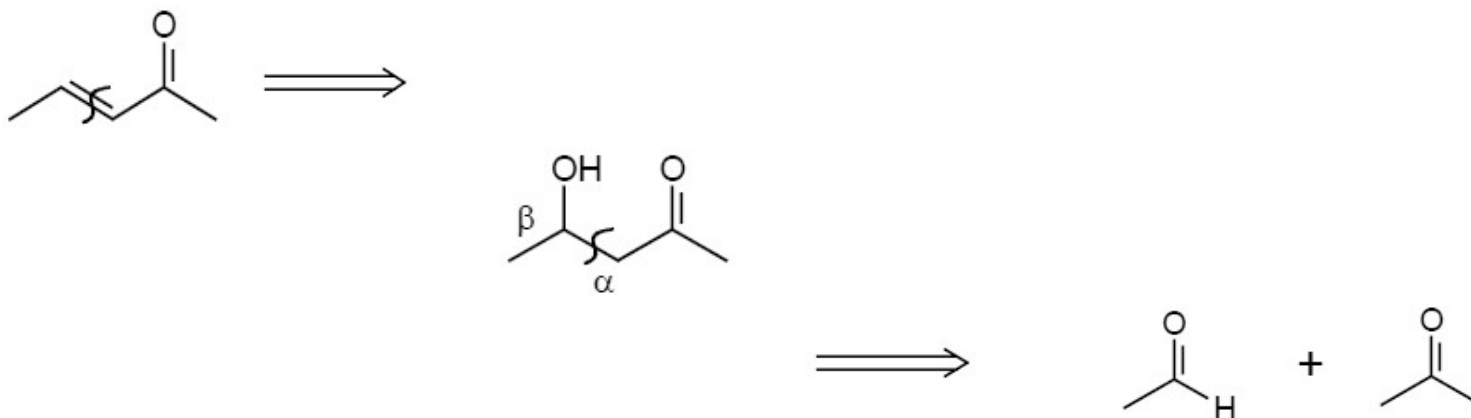
**Dr. Humaira Yasmeen Gondal**  
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University of Sargodha



# DISCONNECTIONS OF $\beta$ -HYDOXY ALCOHOLS

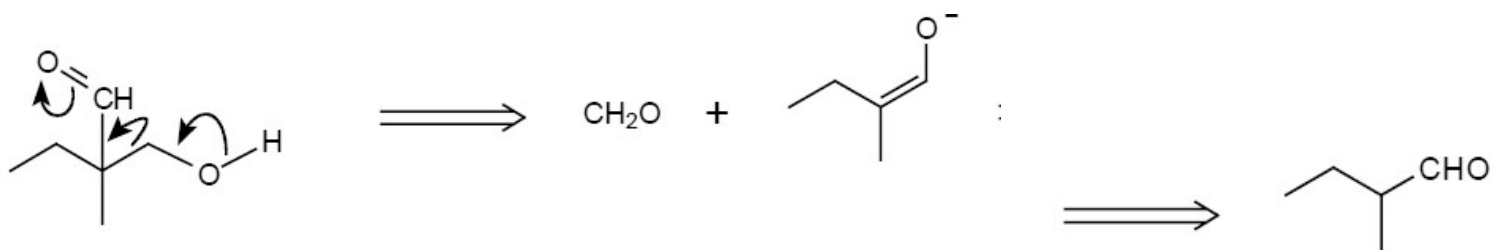
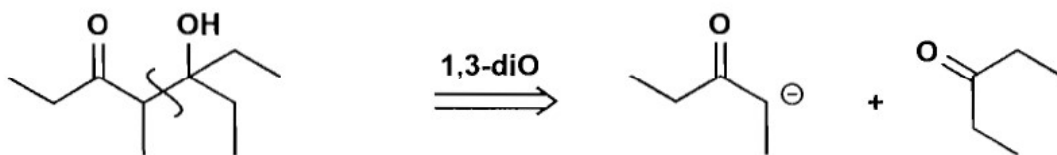
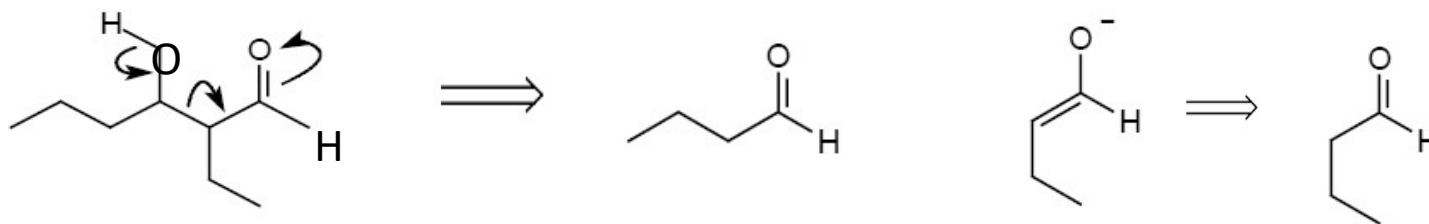
## $\alpha, \beta$ -UNSATURATED CARBONYL COMPOUNDS

Aldol condensation





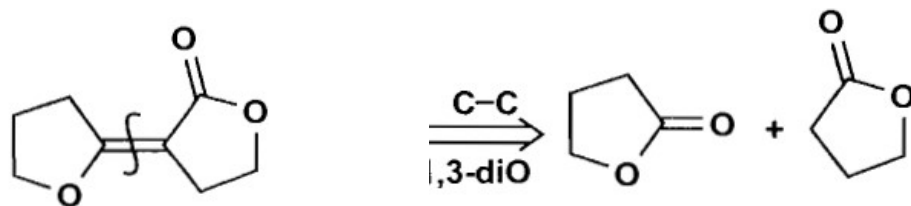
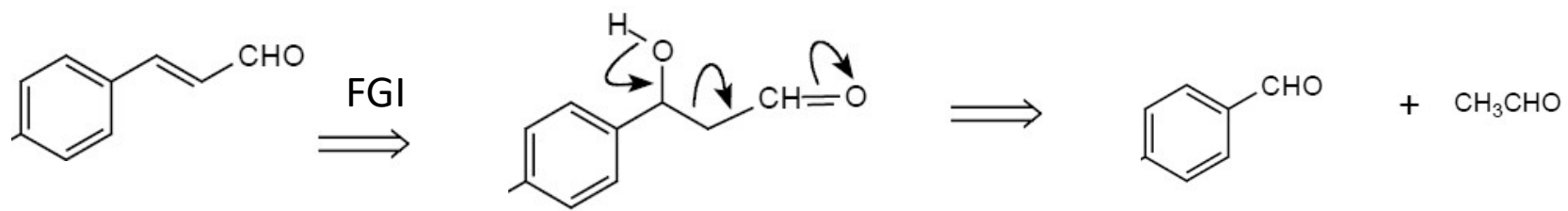
# DISCONNECTIONS OF $\beta$ -HYDOXY ALCOHOLS





# DISCONNECTIONS OF

## $\alpha,\beta$ -UNSATURATED CARBONYL COMPOUNDS





# DISCONNECTIONS OF 1,3-di Oxygenated Compounds

