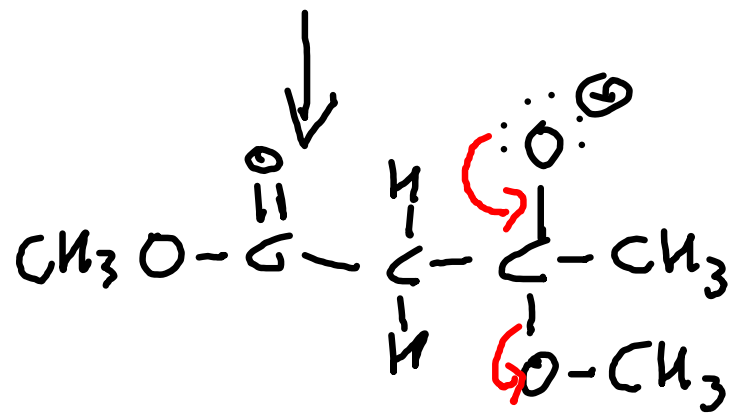
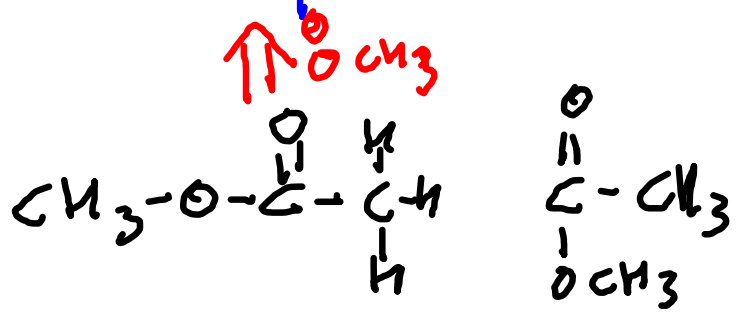
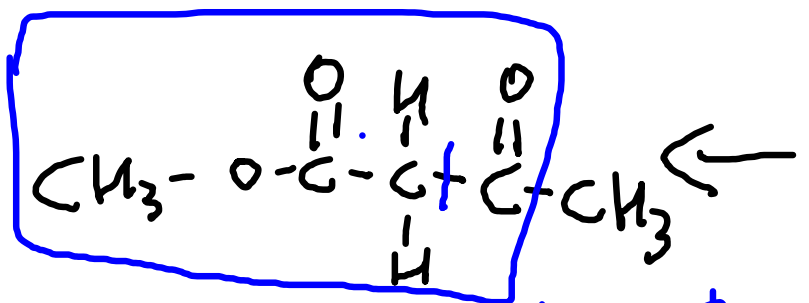
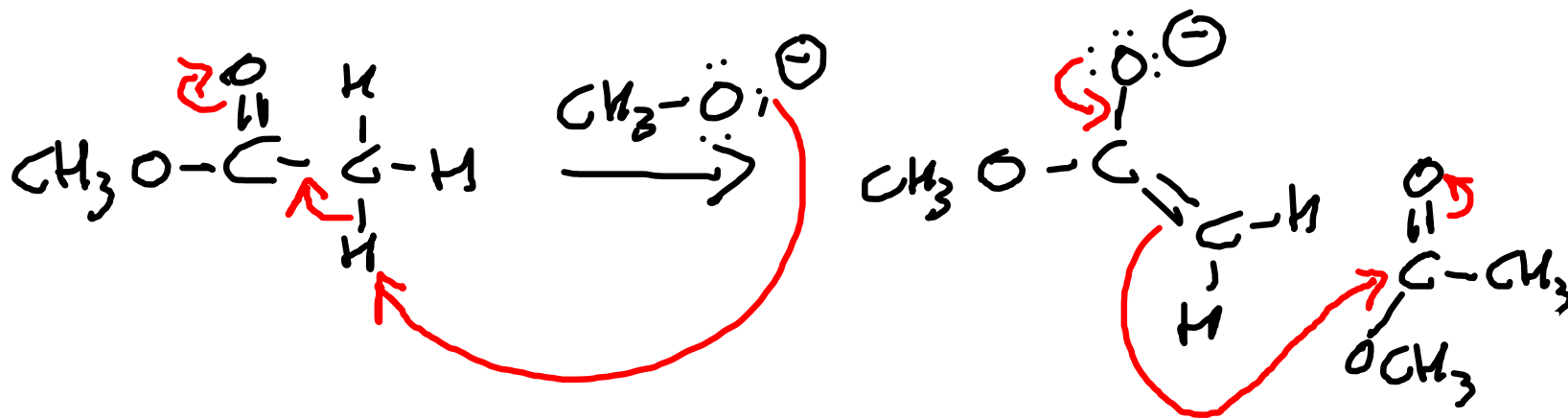
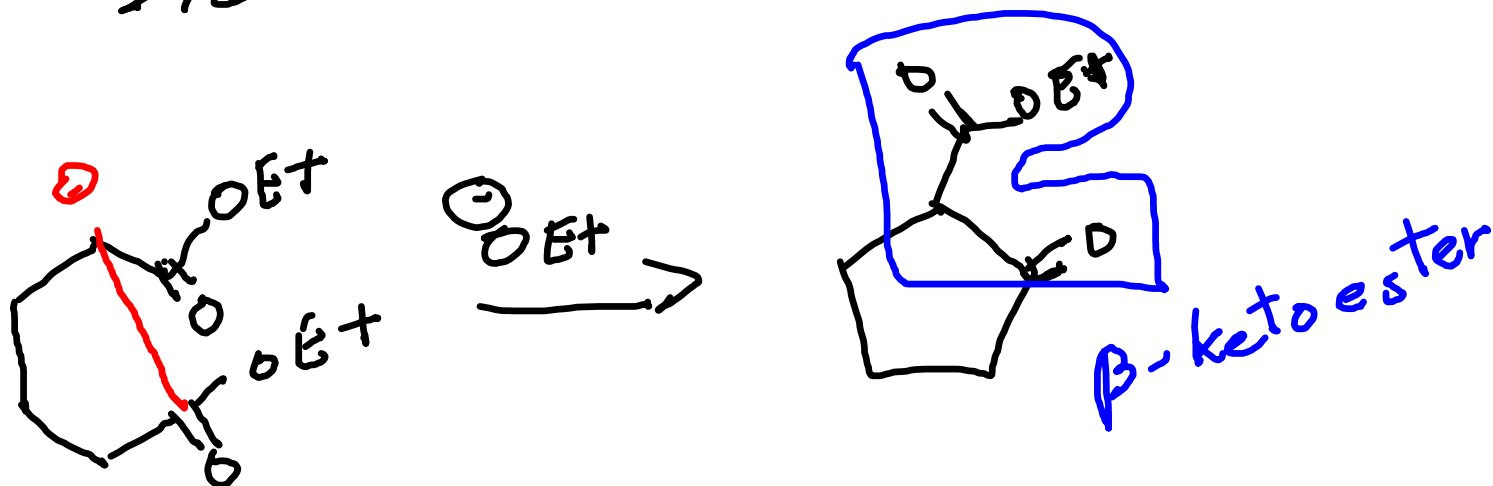


# CLAISEN CONDENSATION

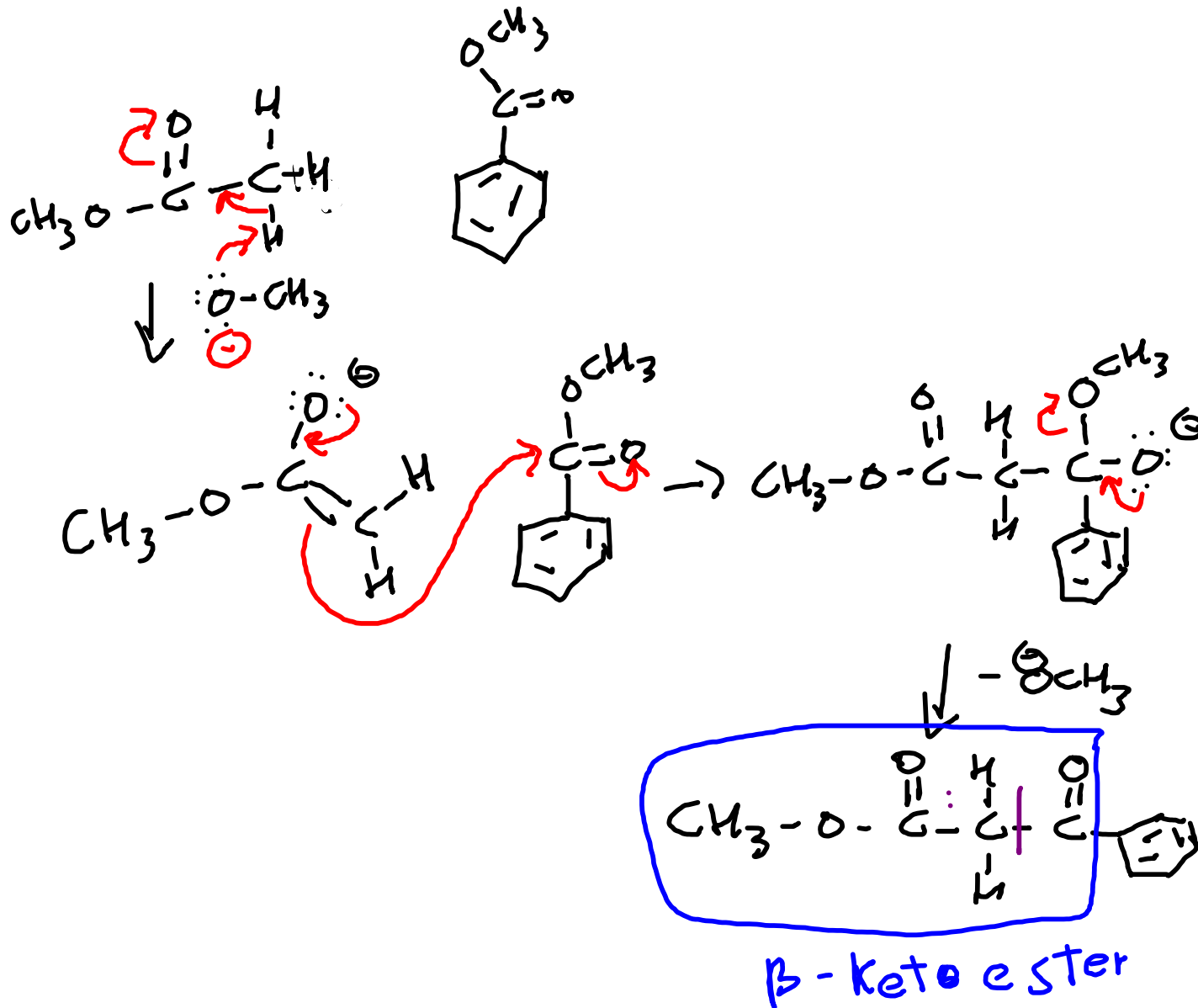


# INTRAMOLECULAR CLAIS EN CONDENSATION

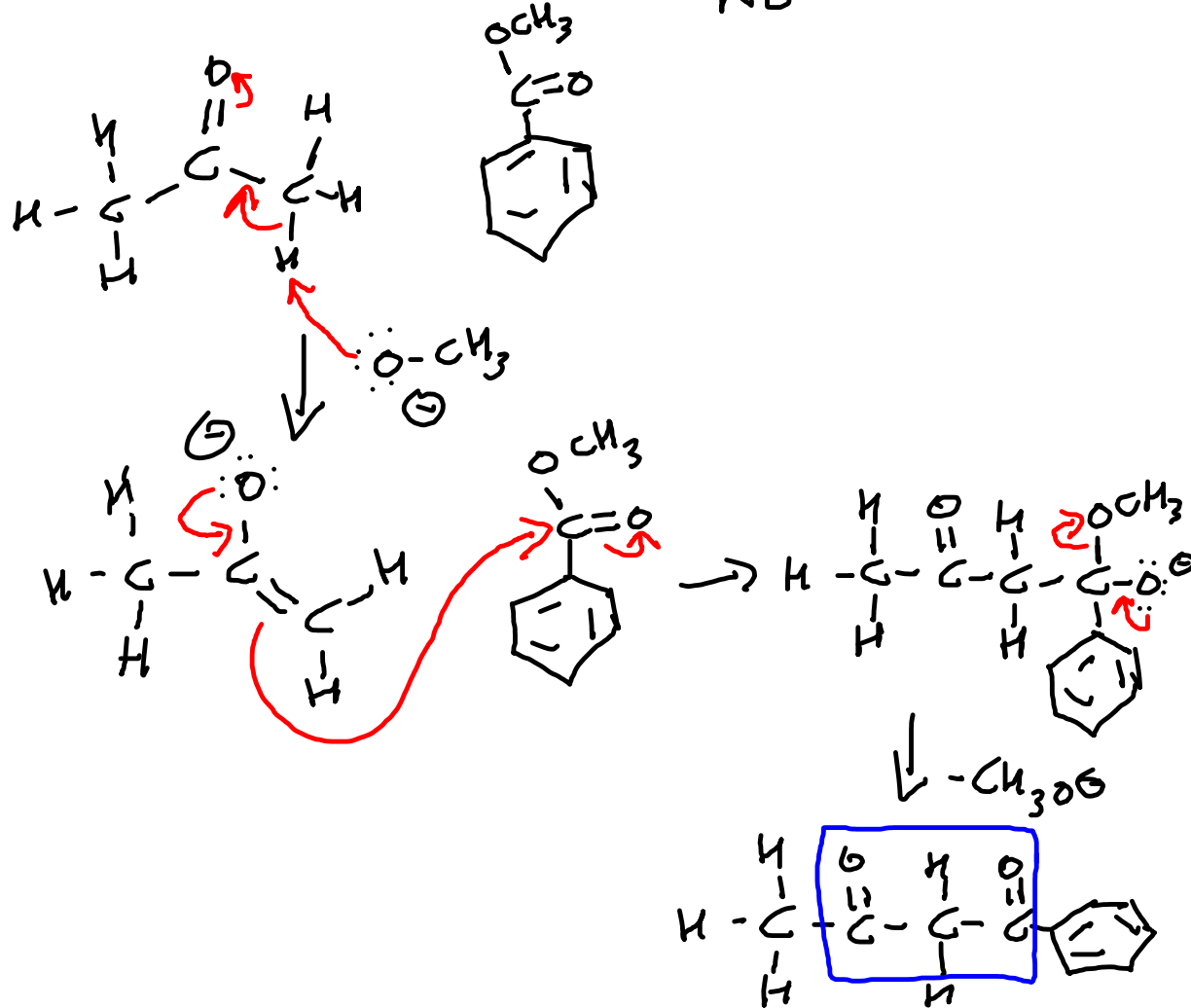
## DIECKMANN CYCLIZATION



# CROSSED CLAISEN CONDENSATION

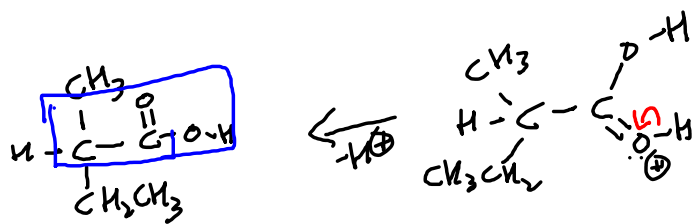
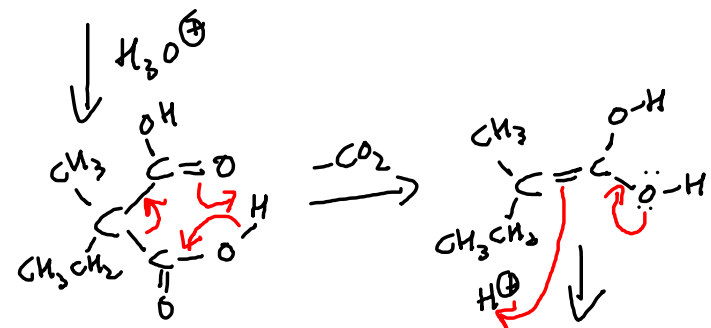
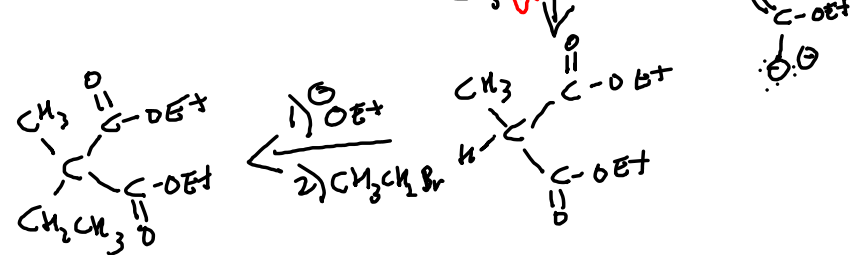
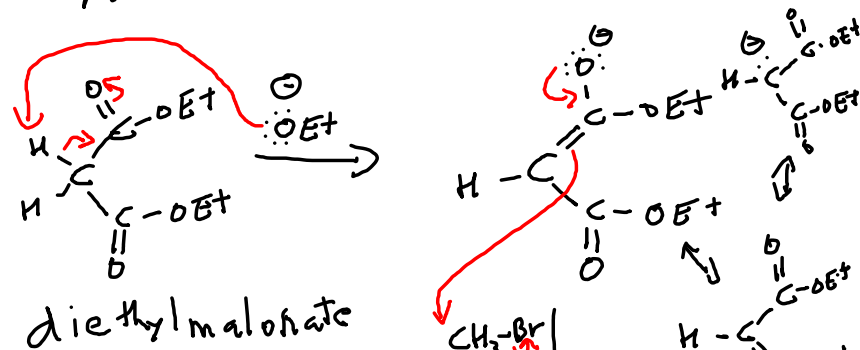


# CROSSED CLAISEN CONDENSATION WITH KETONE



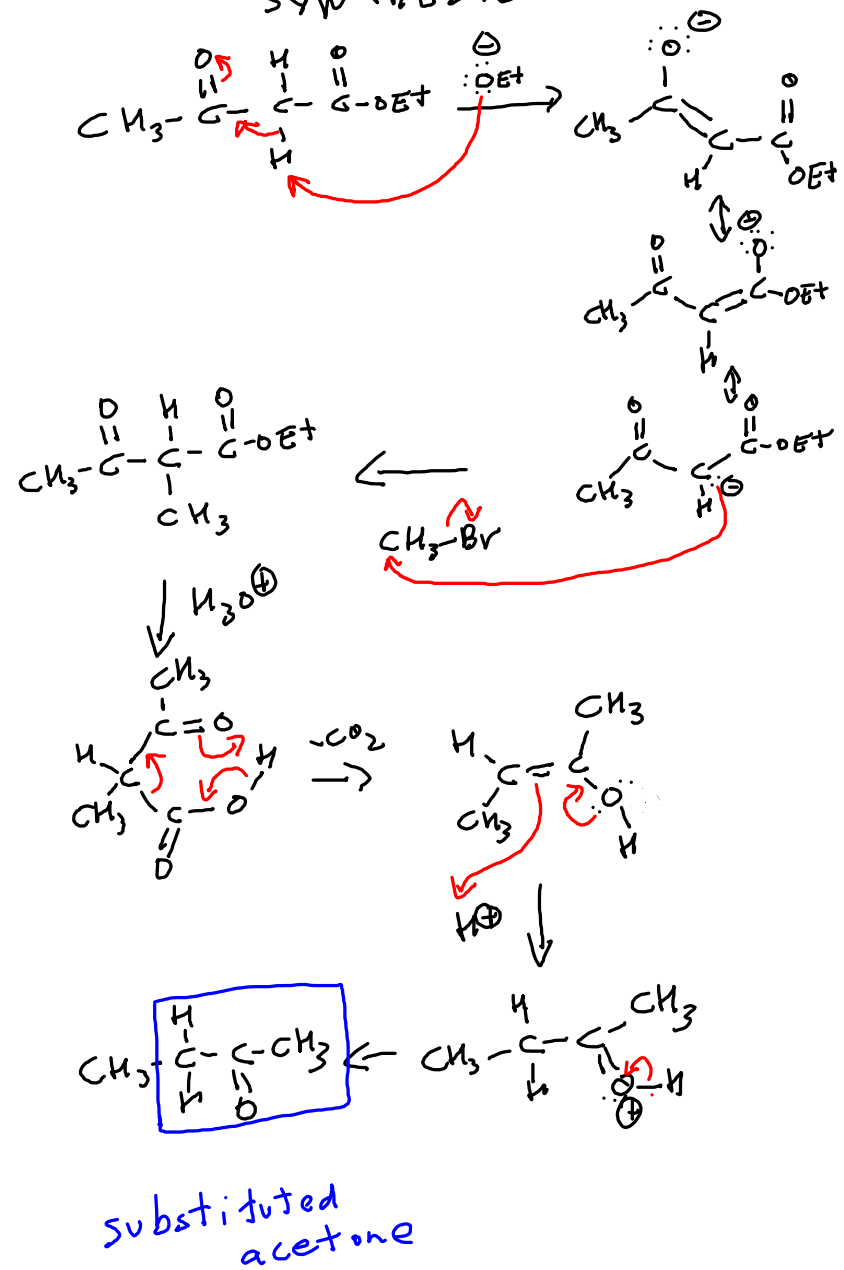
1,3. diketone

# MALONIC ESTER SYNTHESIS



di substituted acetic acid

# ACETOACETIC ESTER SYNTHESIS



# MICHAEL ADDITION

