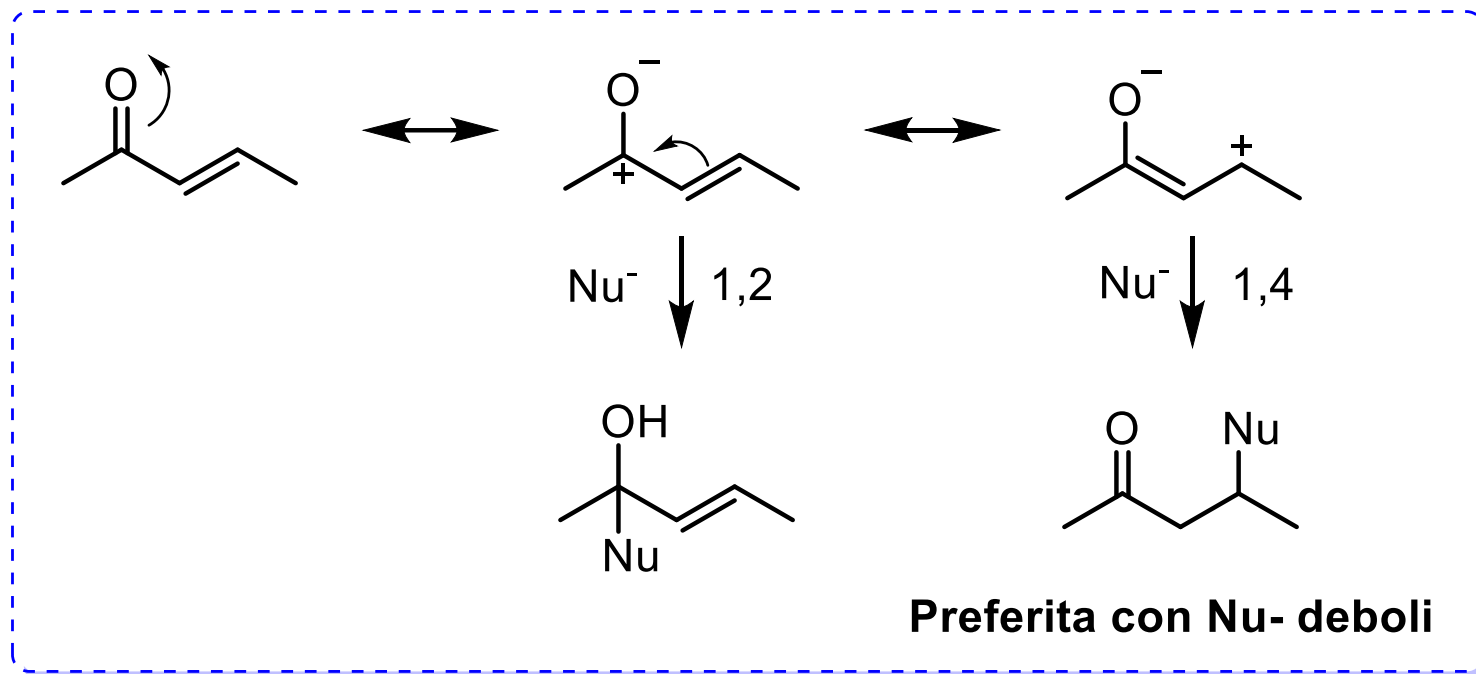
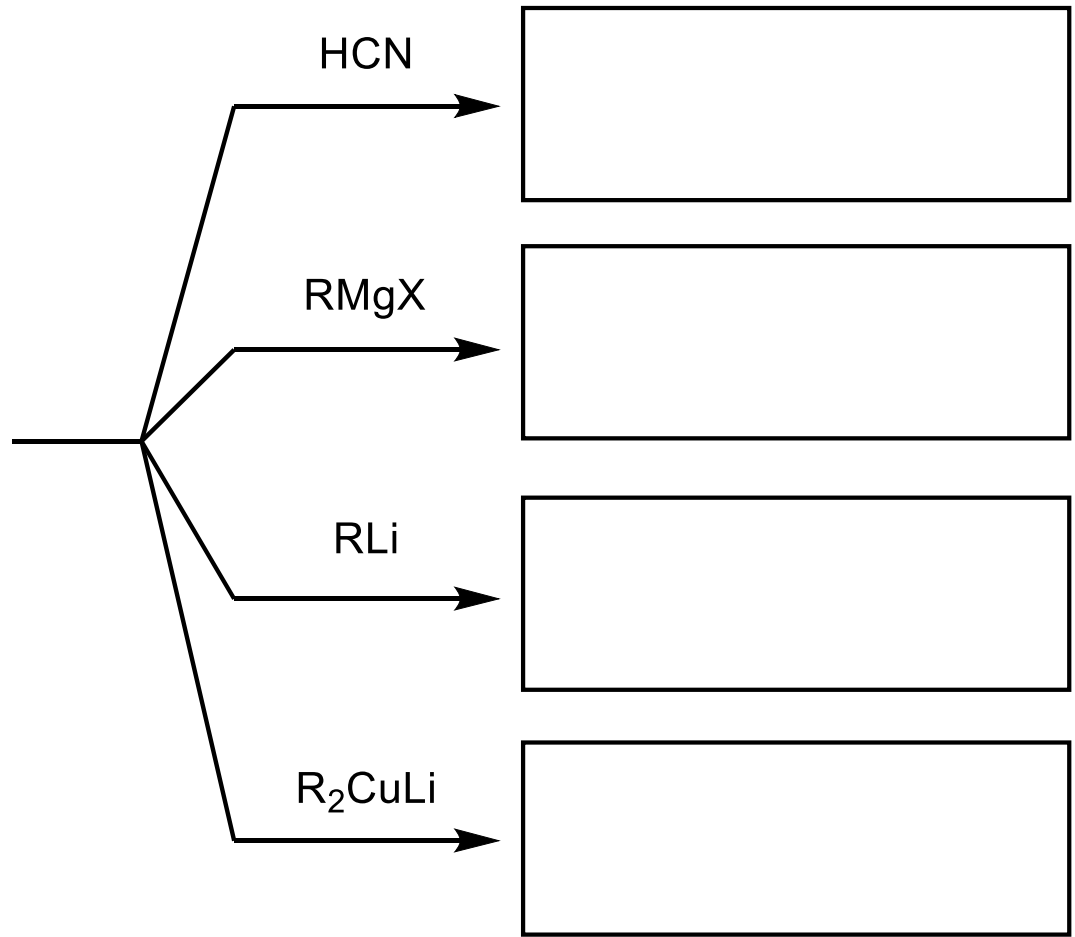
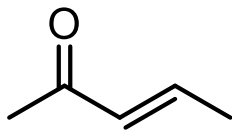


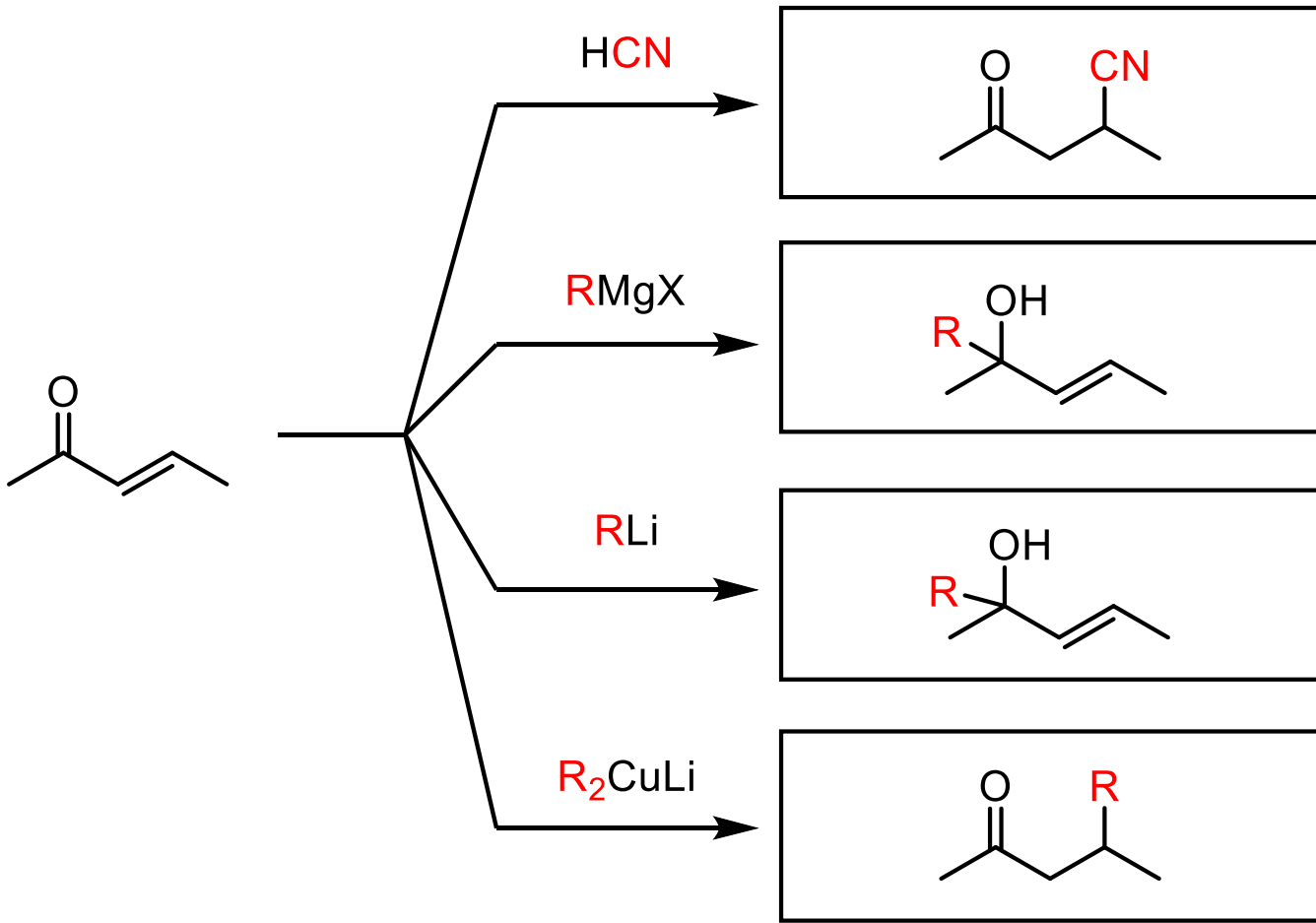
Addizione su composti carbonilici α,β -insaturi



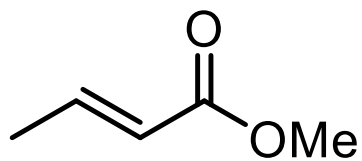
1. Addizione su composti carbonilici α,β -insaturi



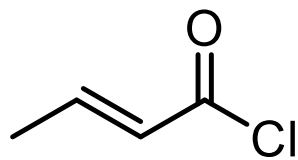
1. Addizione su composti carbonilici α,β -insaturi_soluzioni



2. Addizione su composti carbonilici α,β -insaturi



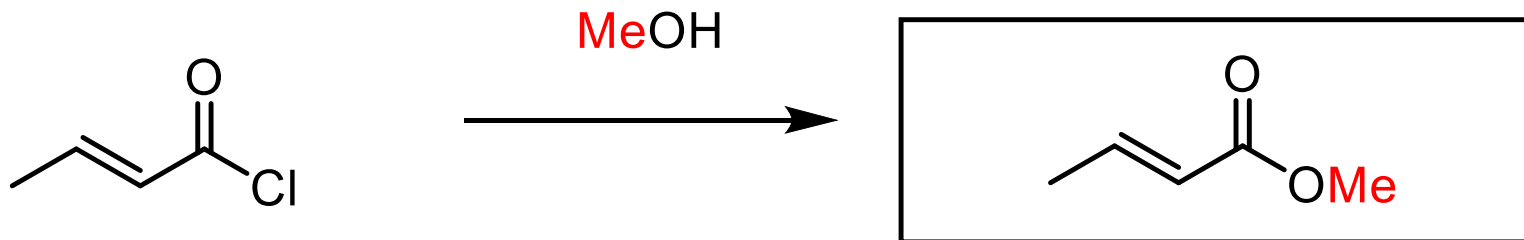
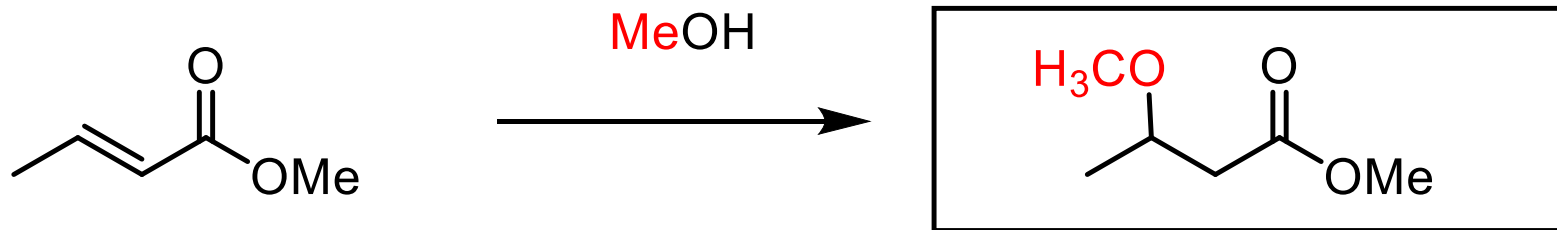
MeOH



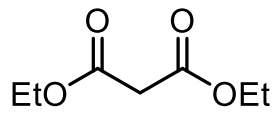
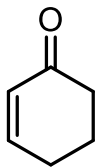
MeOH



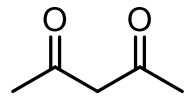
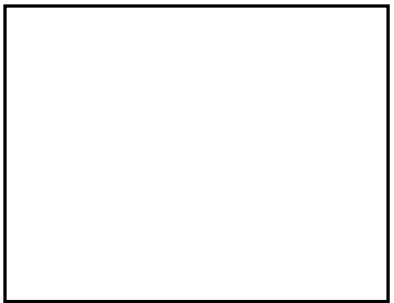
2. Addizione su composti carbonilici α,β -insaturi_soluzioni



3. Addizione di Michael



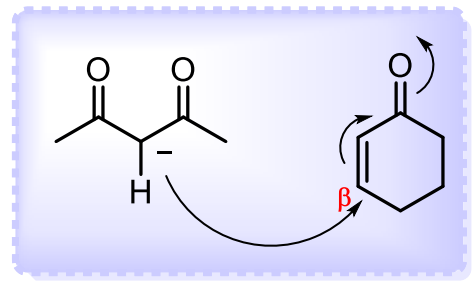
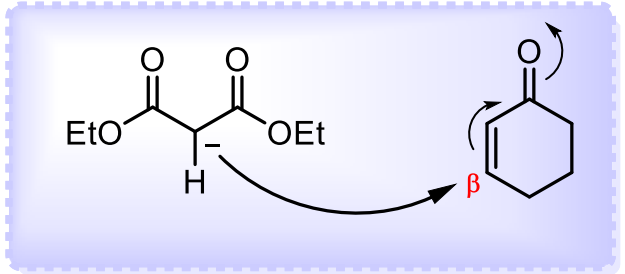
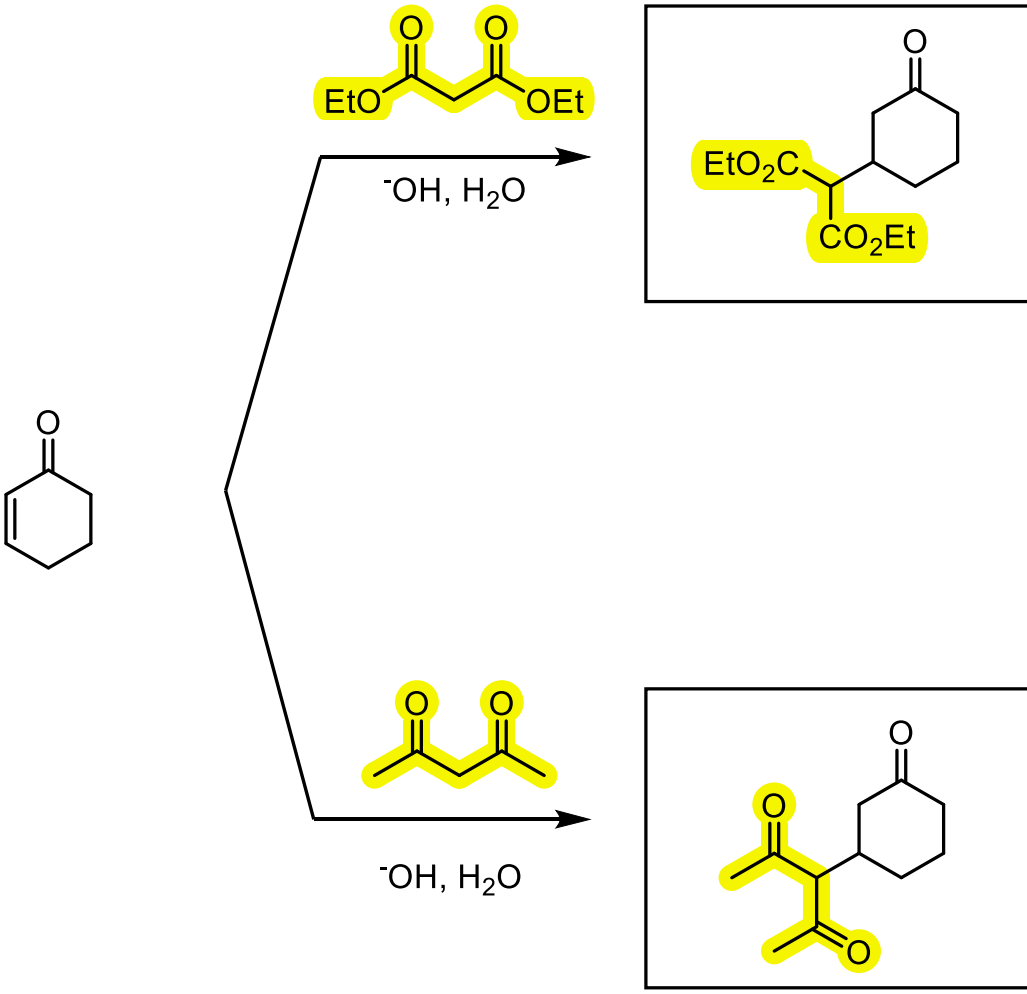
$^-\text{OH}, \text{H}_2\text{O}$



$^-\text{OH}, \text{H}_2\text{O}$

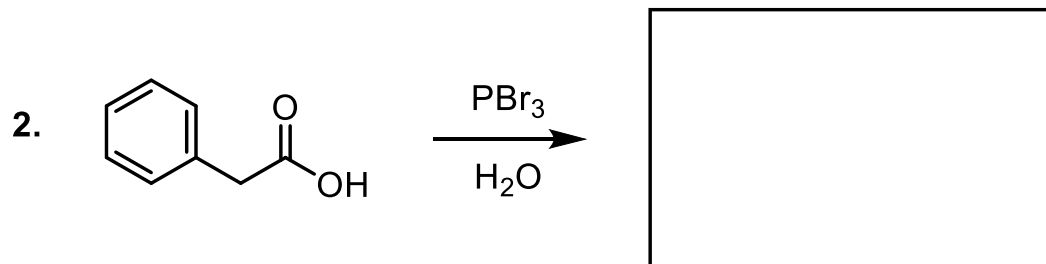
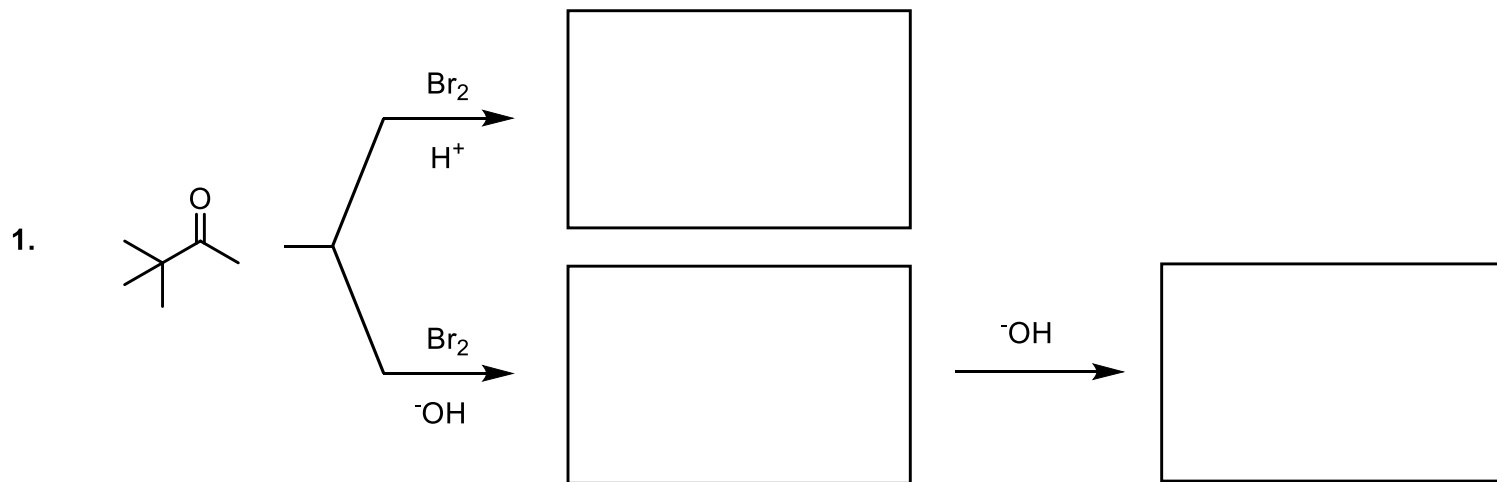


3. Addizione di Michael_soluzioni

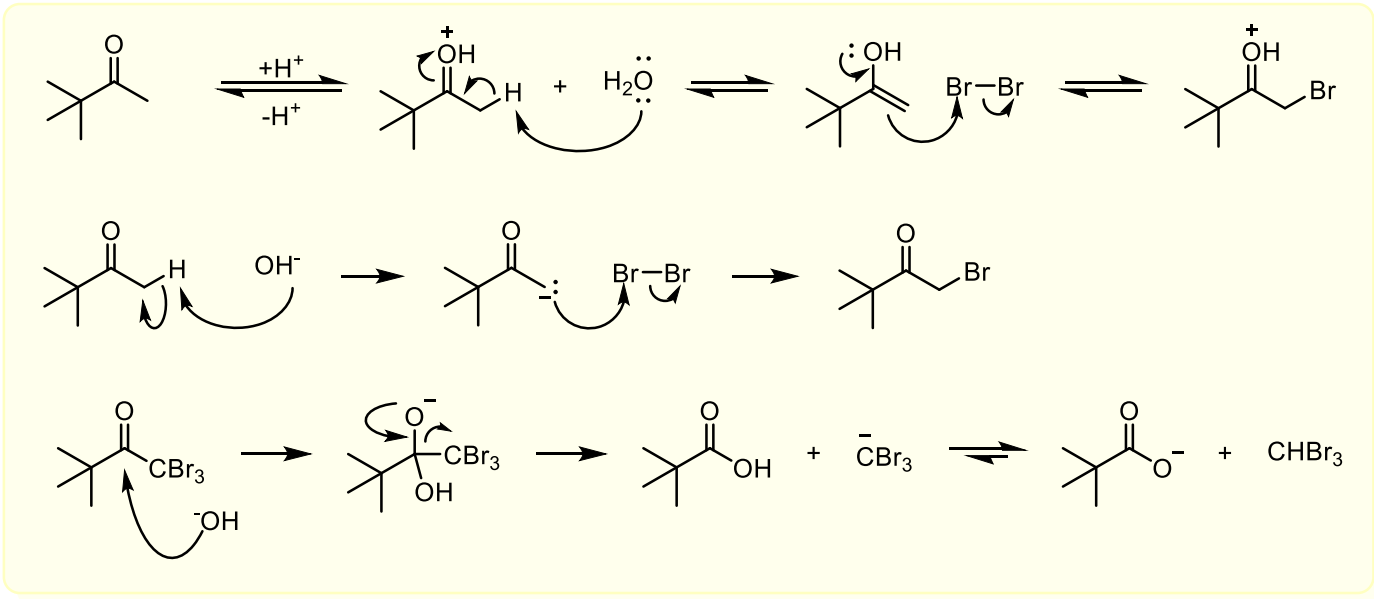
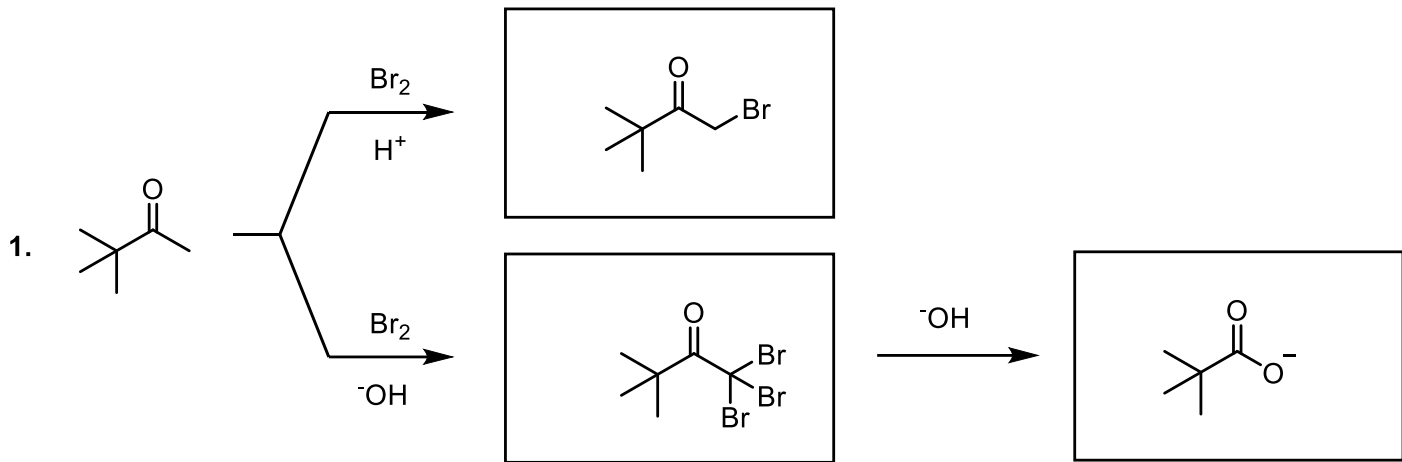


Rzn al Cα

1. Alogenazione

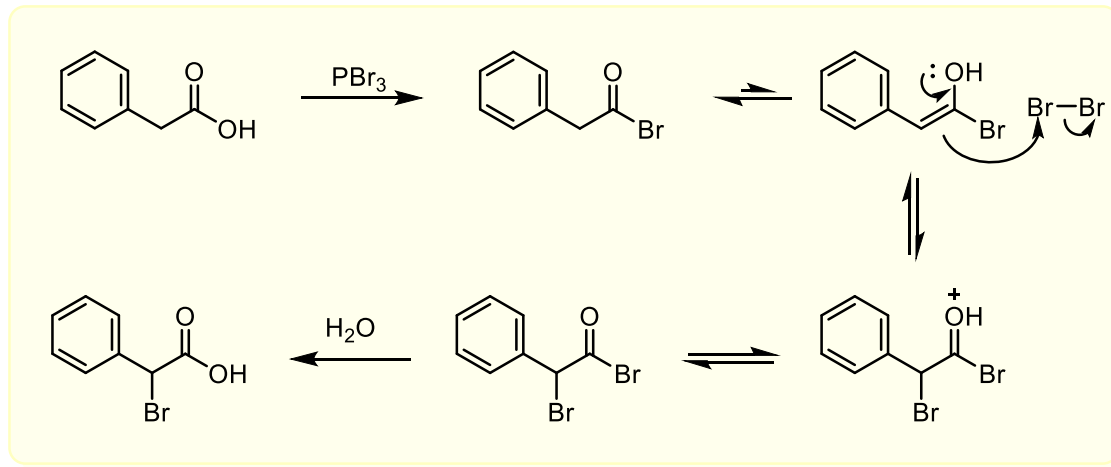
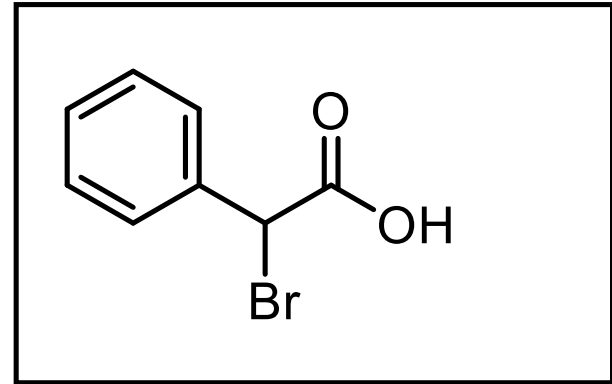
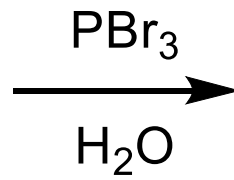
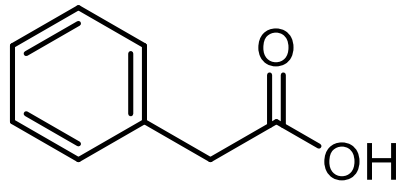


1. Alogenazione_soluzioni

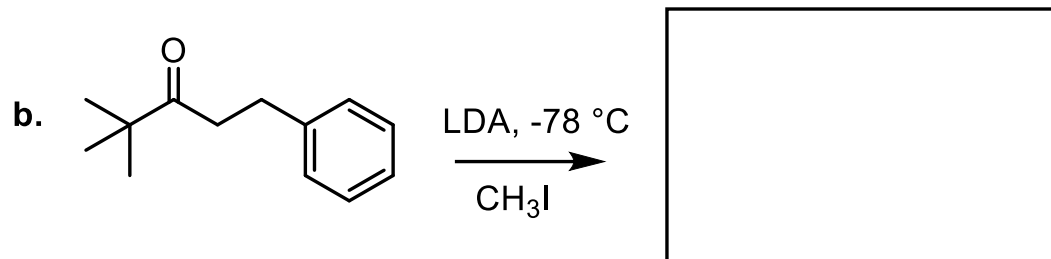
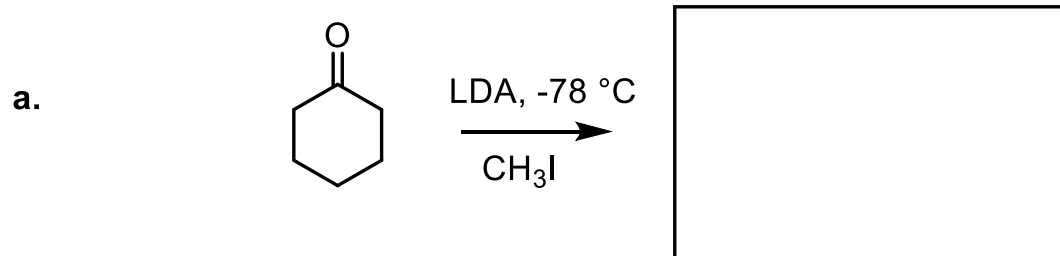


1. Alogenazione_soluzioni

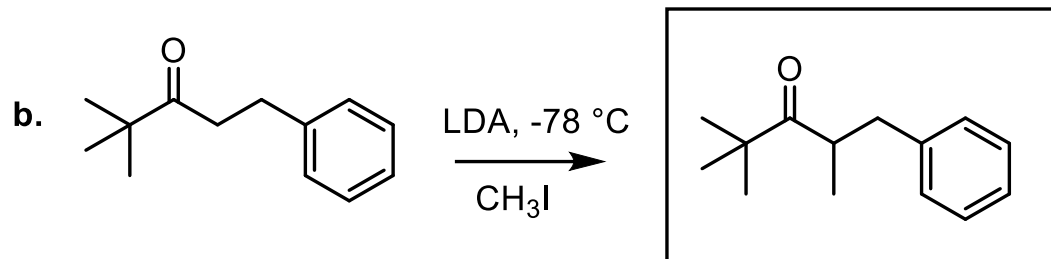
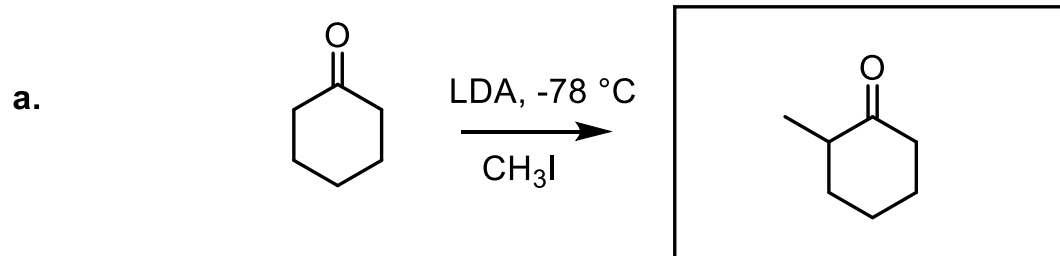
2.



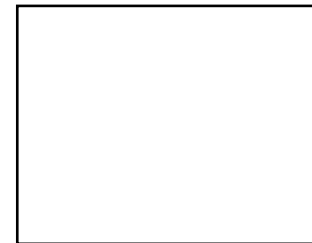
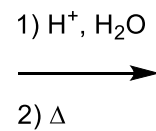
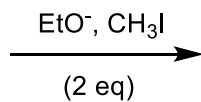
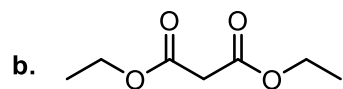
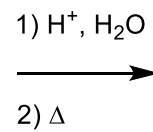
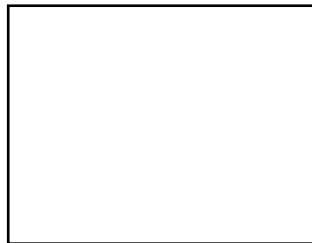
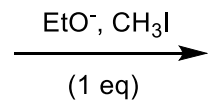
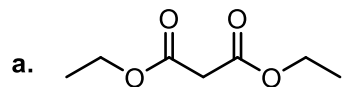
2. Alchilazione di enolati



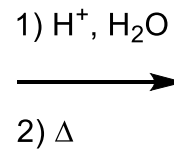
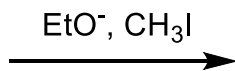
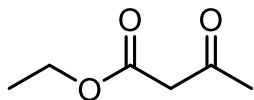
2. Alchilazione di enolati_soluzioni



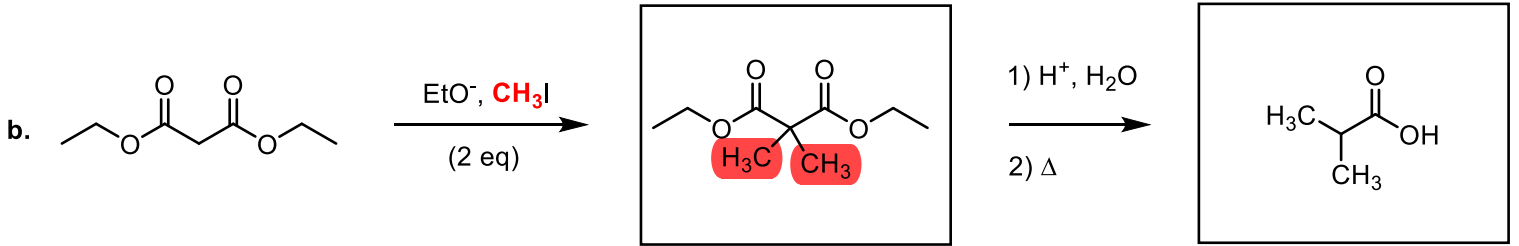
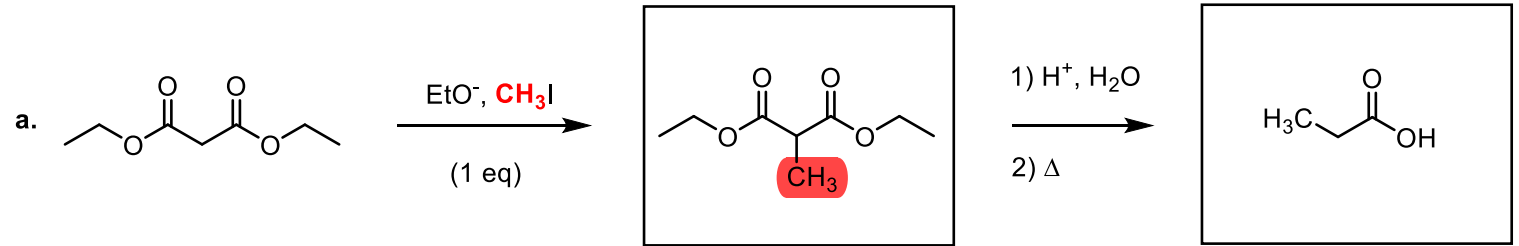
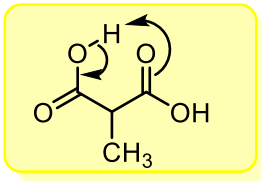
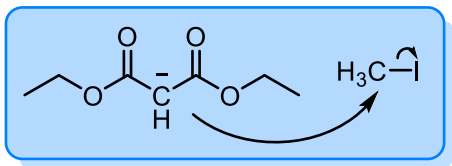
5. Sintesi Malonica



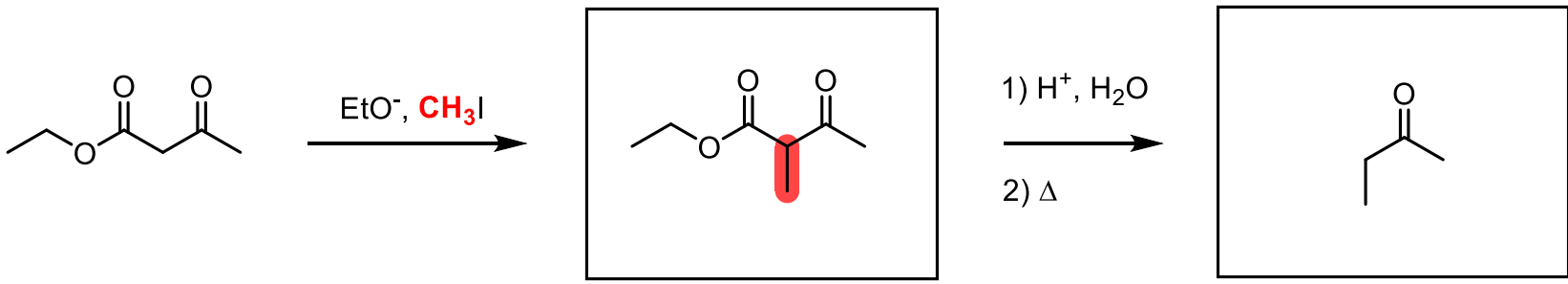
6. Sintesi Acetoacetica



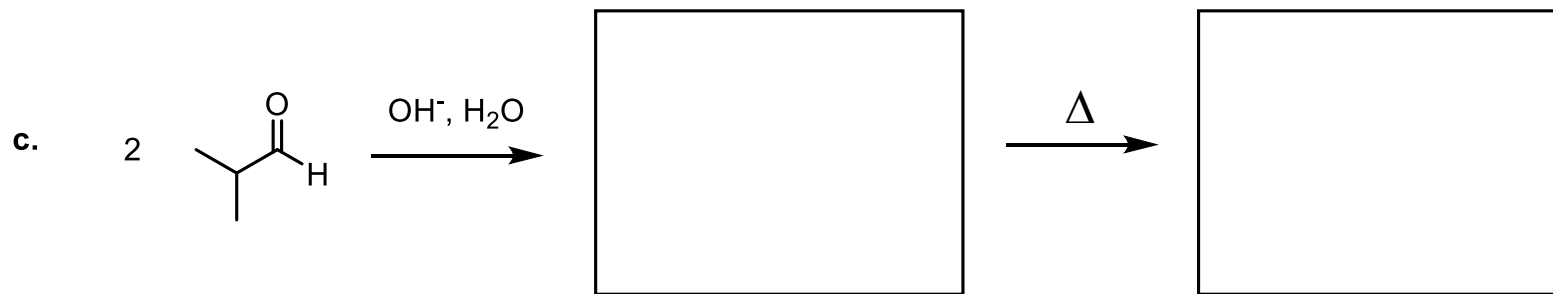
5. Sintesi Malonica_soluzioni



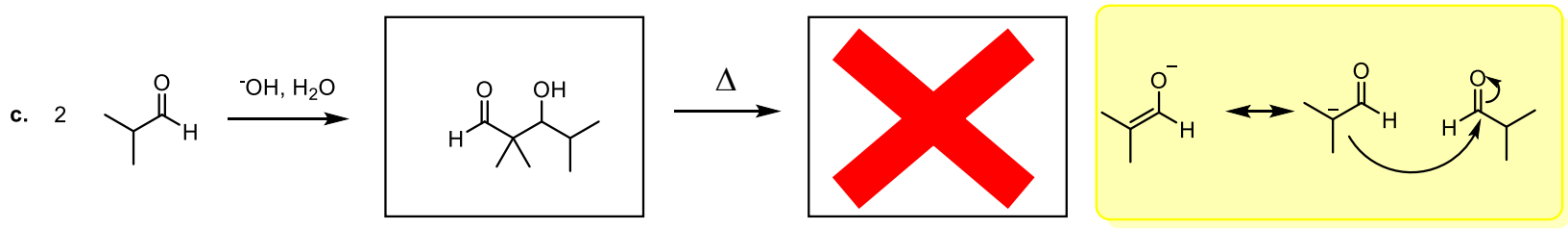
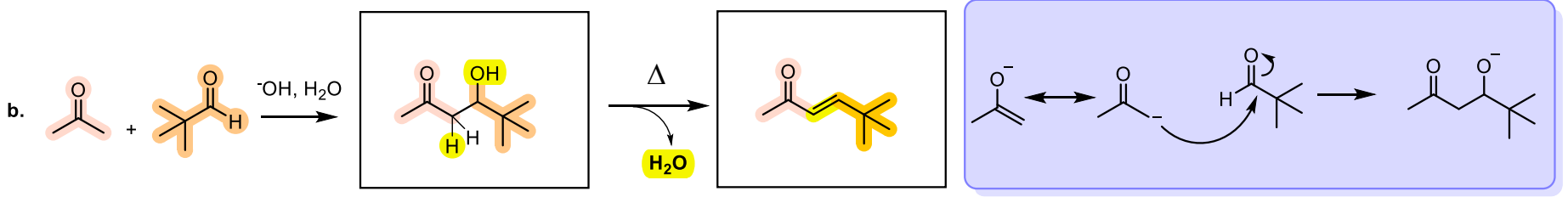
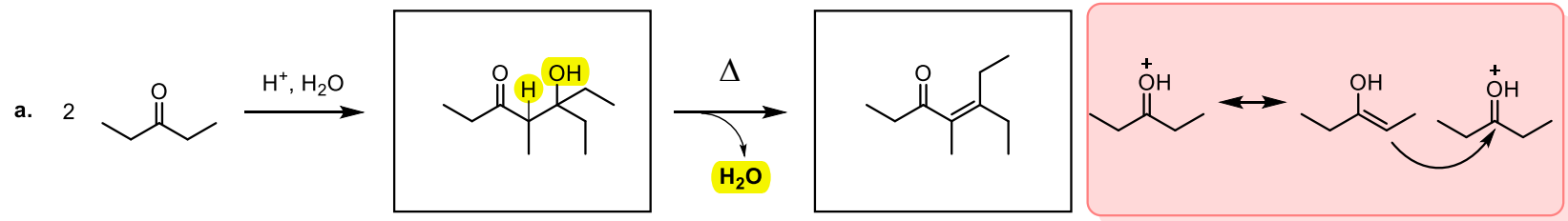
6. Sintesi Acetoacetica_soluzioni



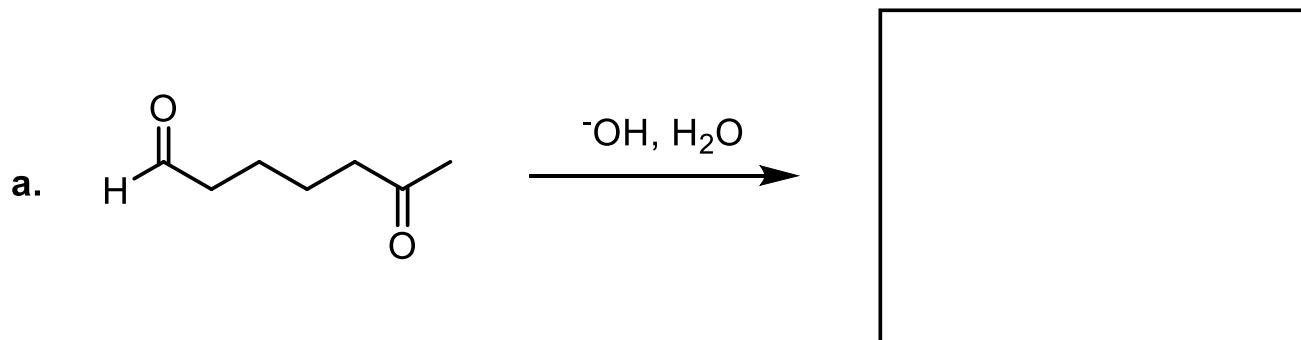
7. Condensazione aldolica



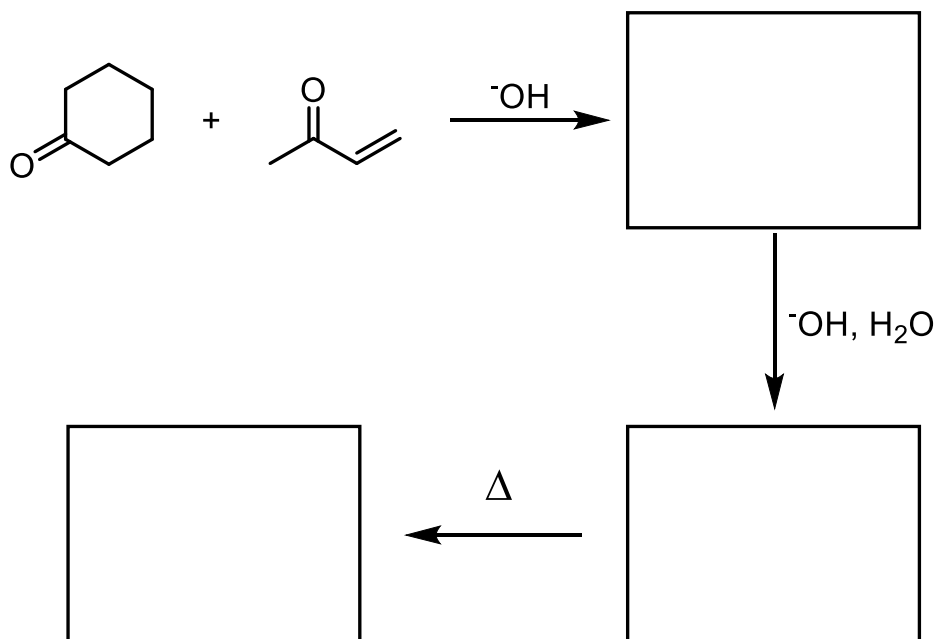
7. Condensazione aldolica_soluzioni



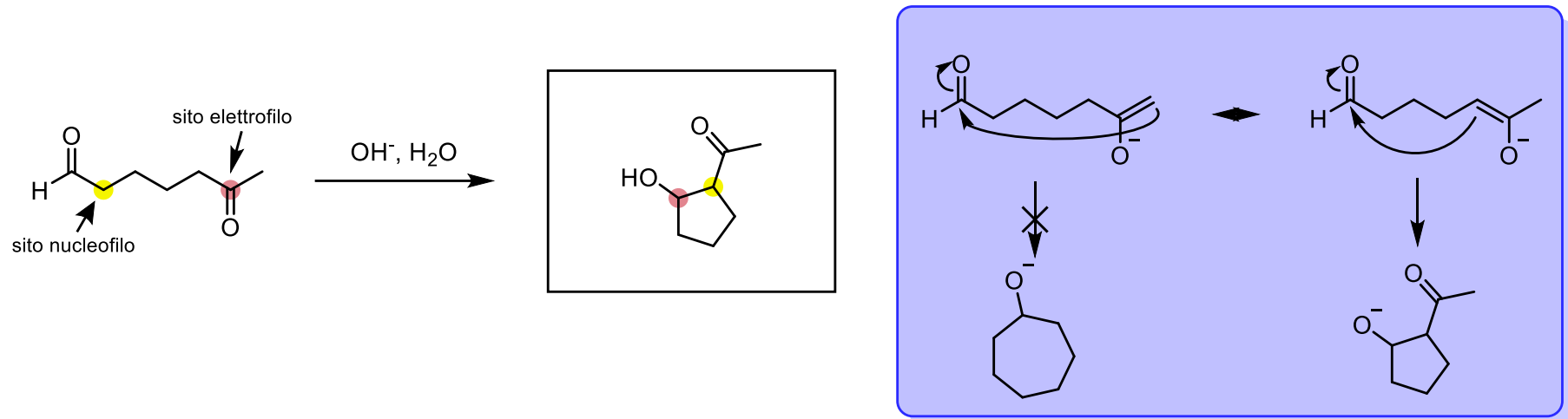
8. Aldolica intramolecolare



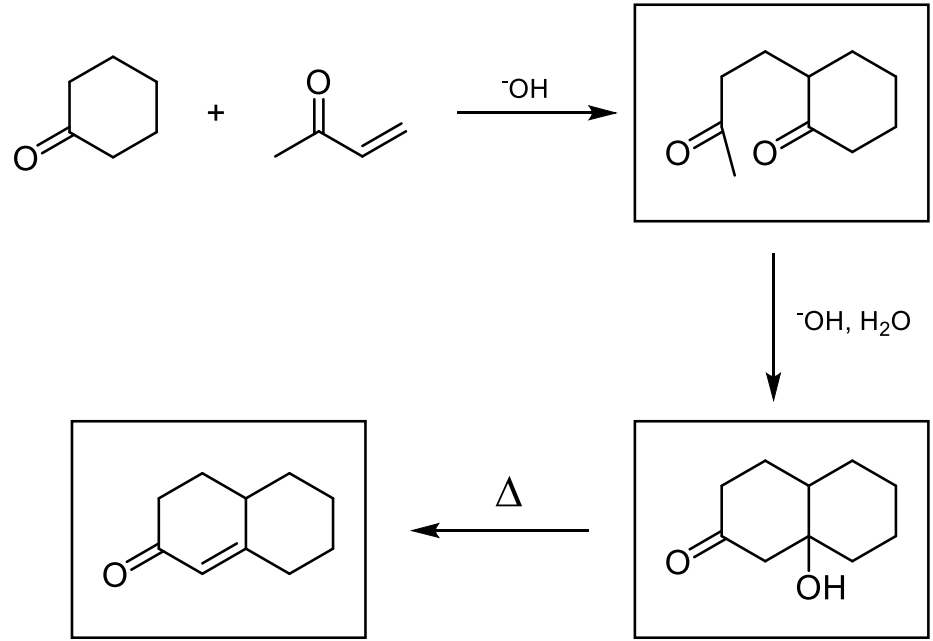
9. Anellazione di Robinson



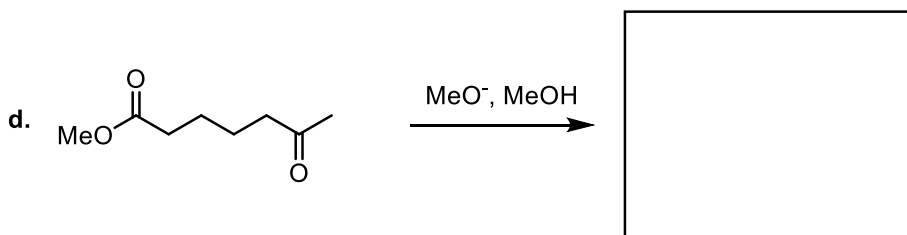
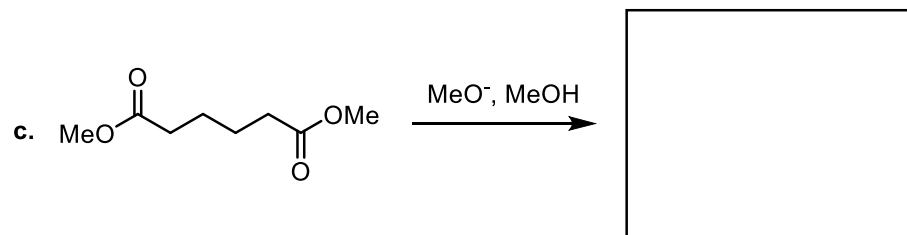
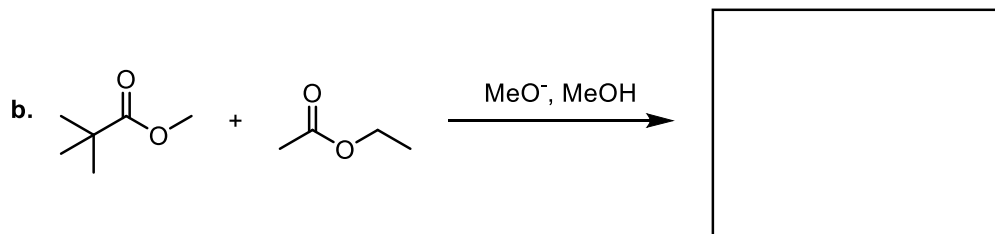
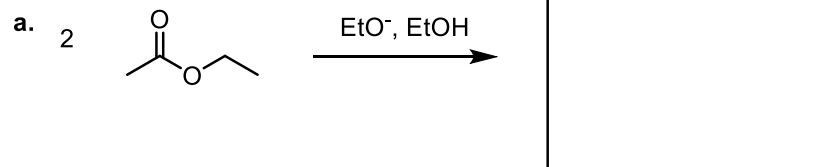
8. Aldolica intramolecolare_soluzioni



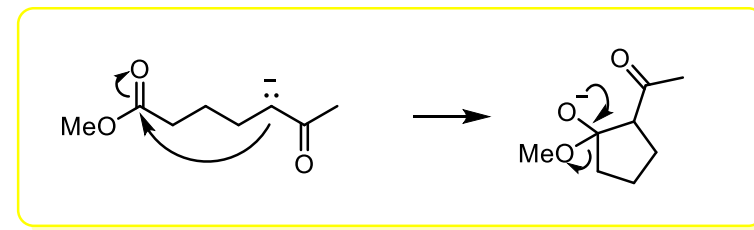
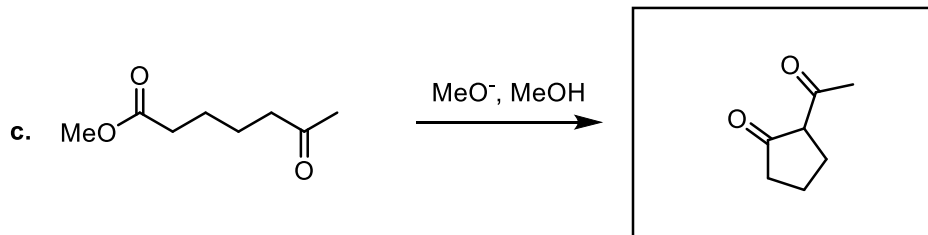
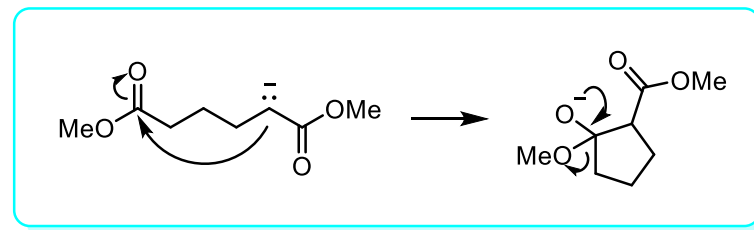
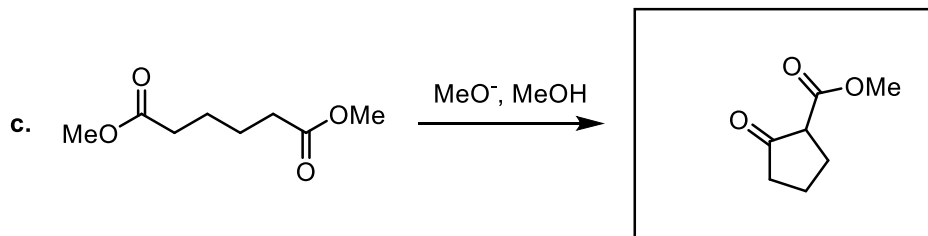
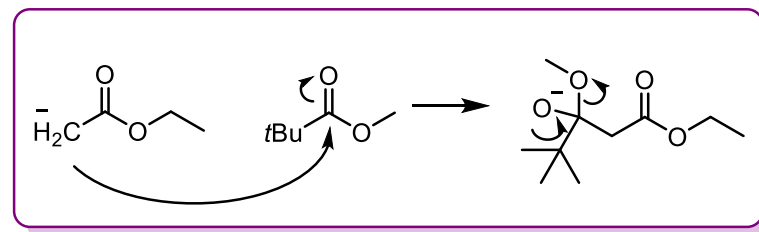
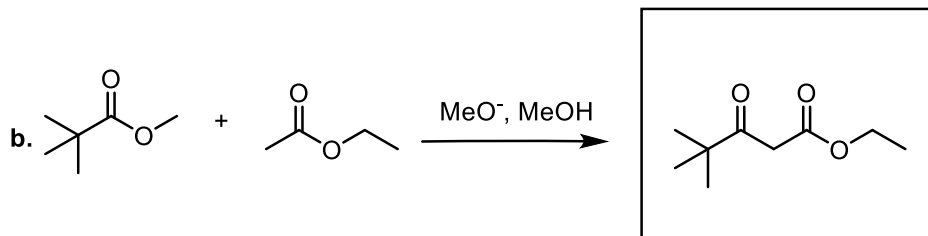
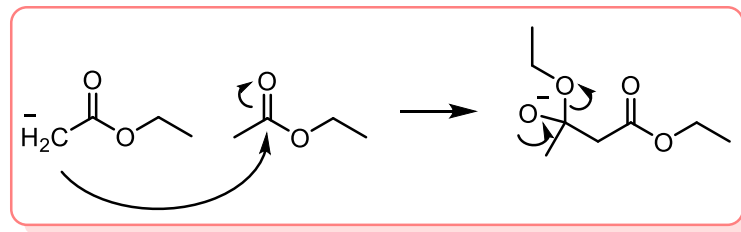
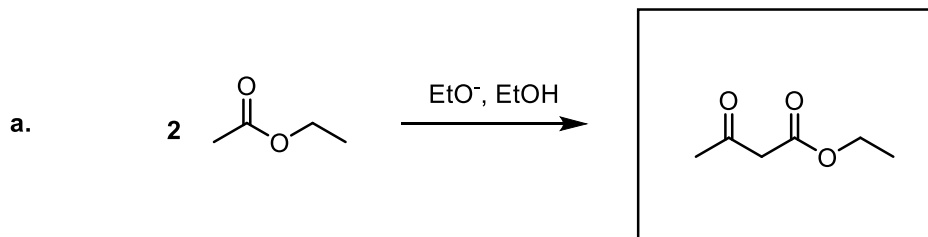
9. Anellazione di Robinson_soluzioni



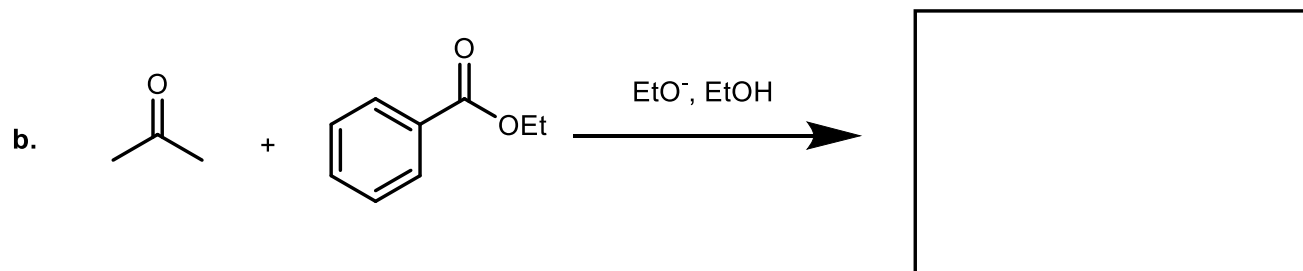
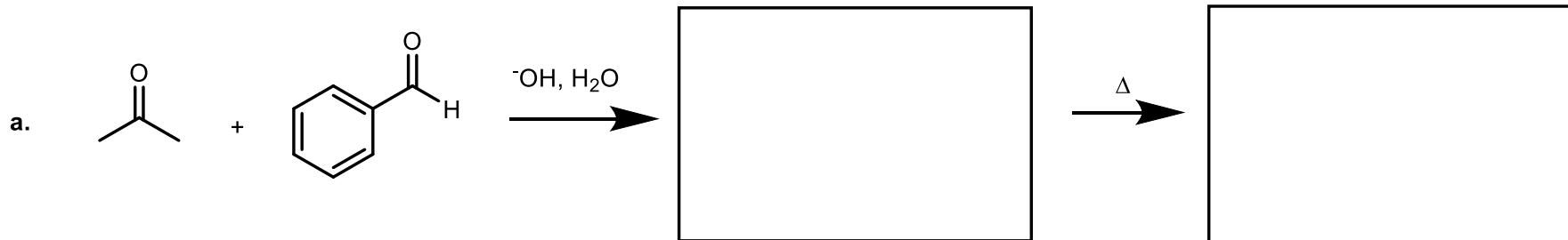
10. Condensazione di Claisen e Dieckmann



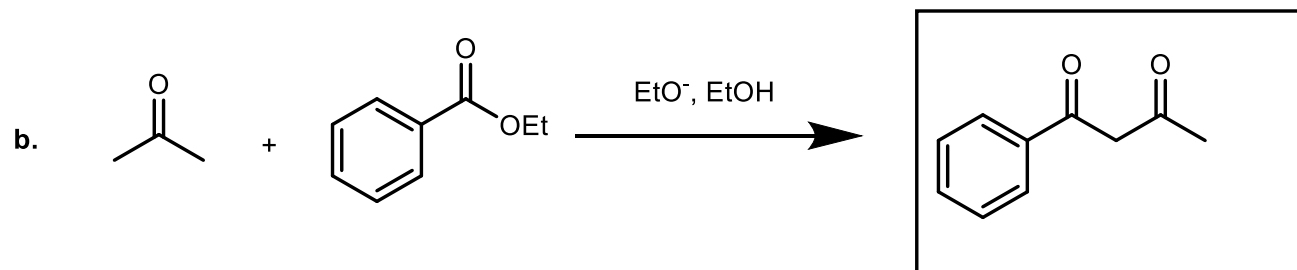
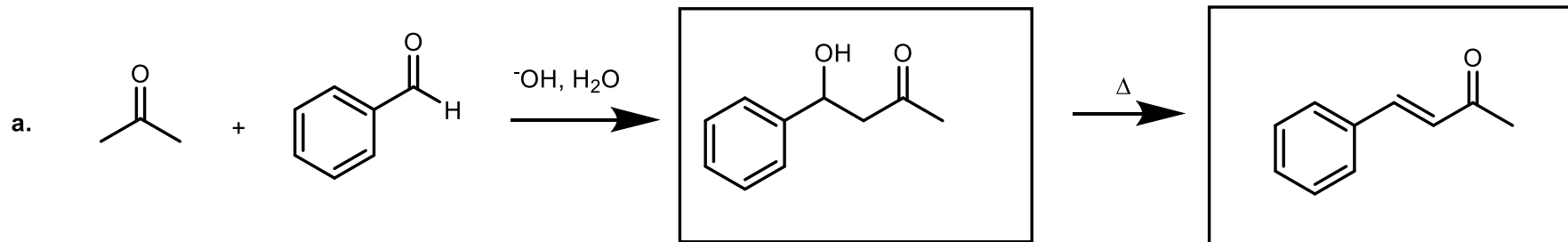
10. Condensazione di Claisen e Dieckmann_soluzioni



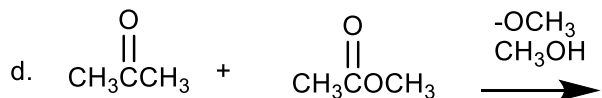
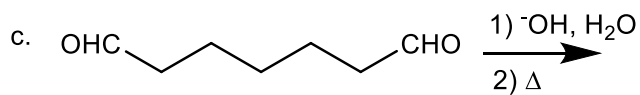
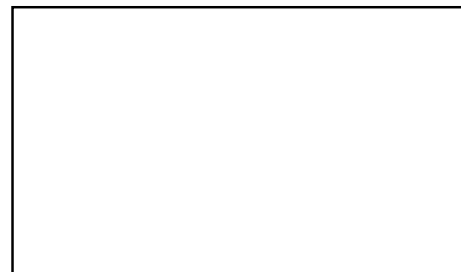
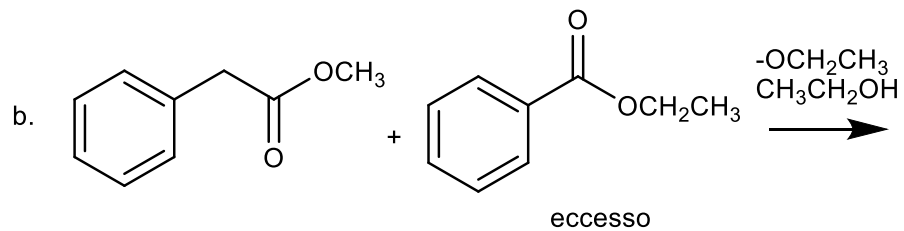
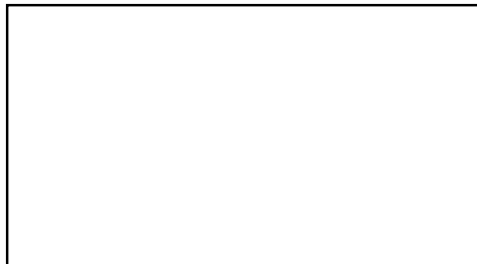
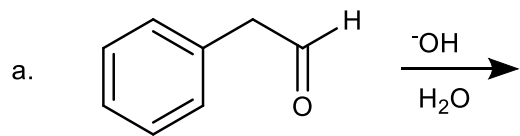
Altri esercizi 1



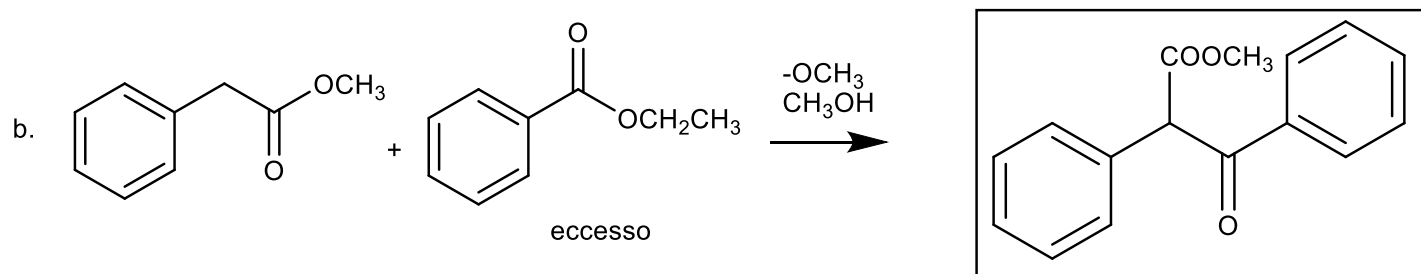
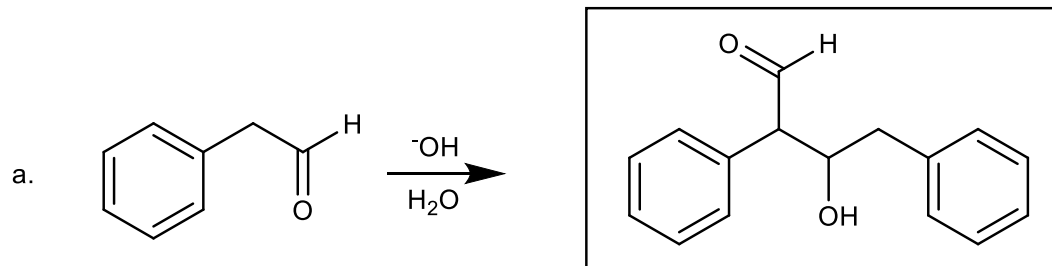
Altri esercizi 1_soluzioni



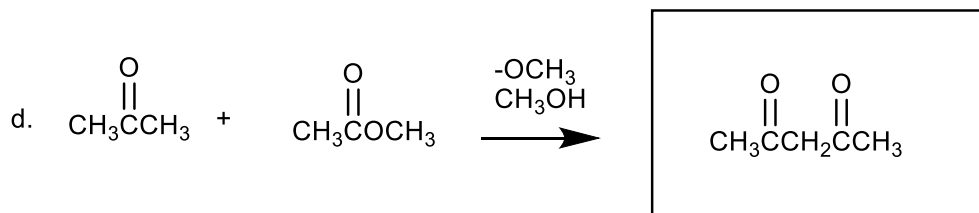
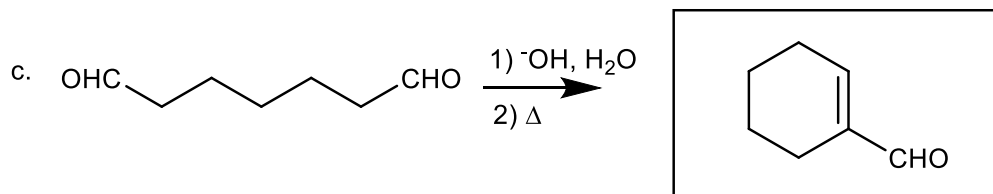
Altri esercizi 2



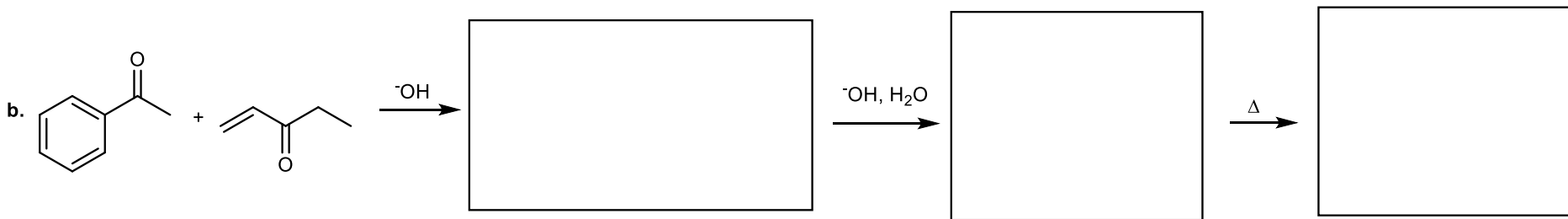
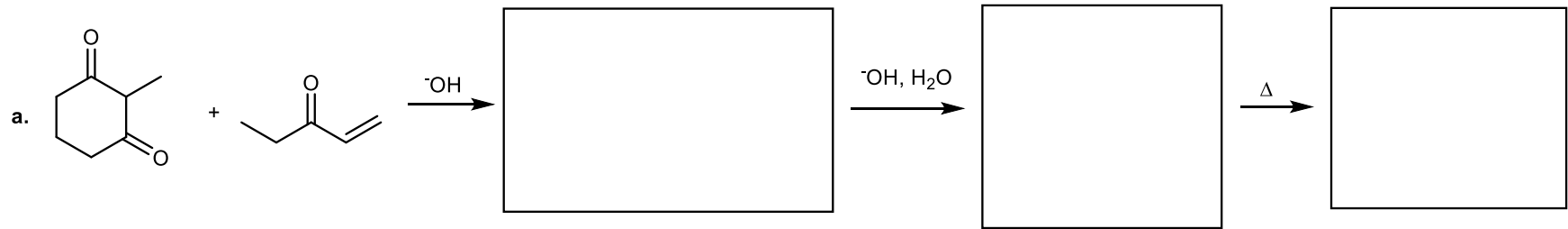
Altri esercizi 2_soluzioni



*eccesso di benzoato di metile è necessario per evitare l'autocondensazione del fenilacetato di metile



Altri esercizi 3



Altri esercizi 3_soluzioni

