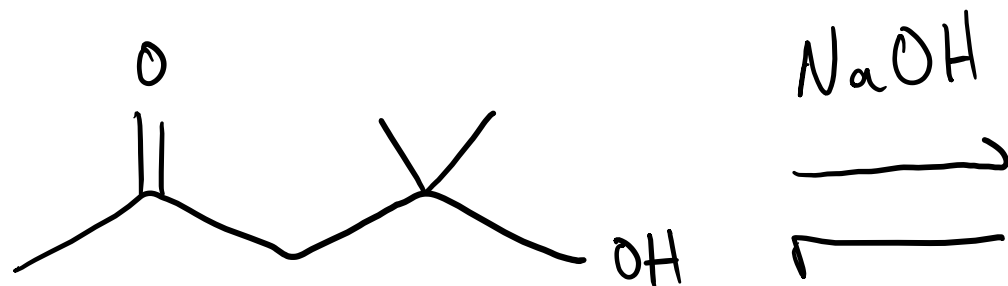
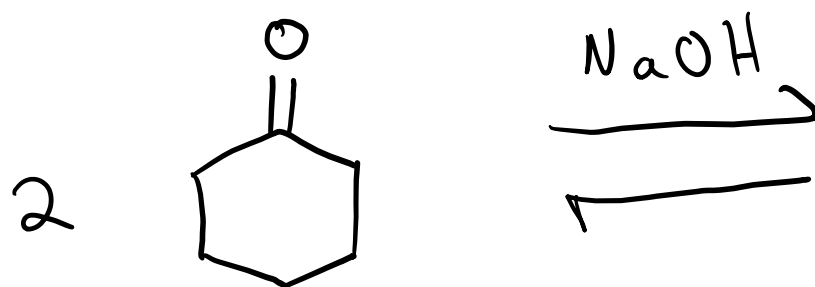
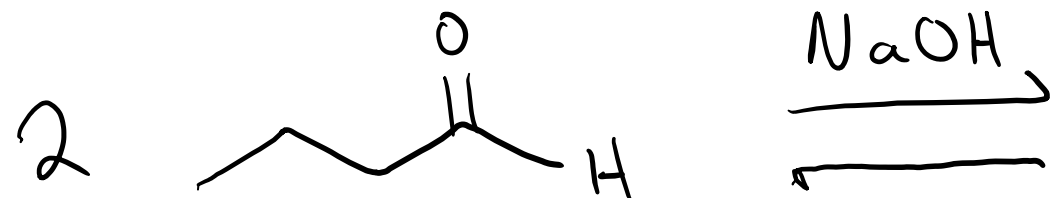


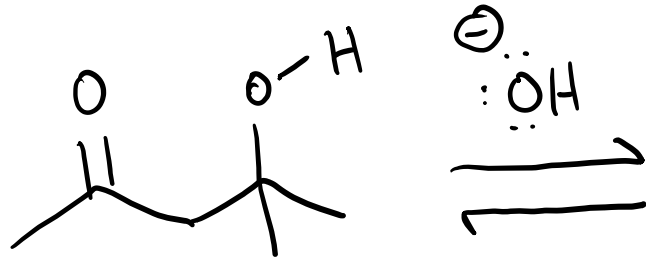
More Aldol Reactions

3/20/2022

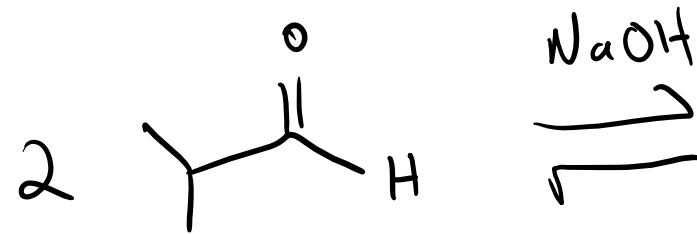
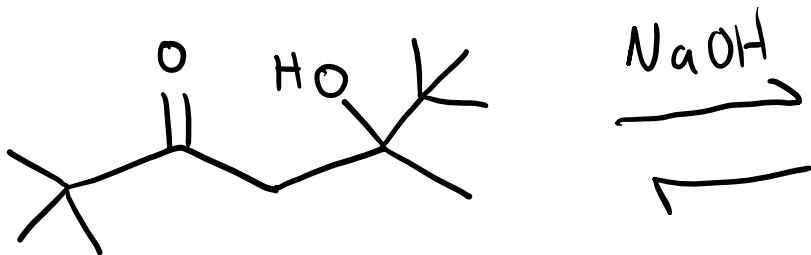
Aldol Reaction: Equilibrium Position & Retro-Aldol



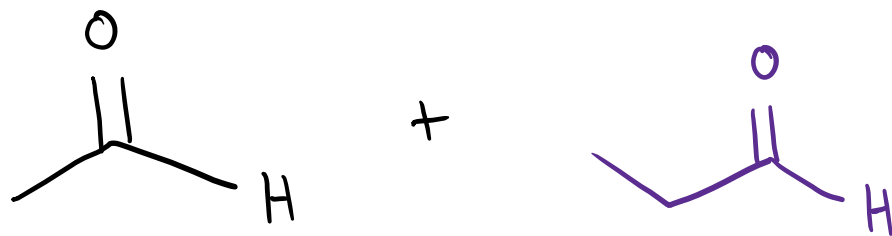
Retro-Aldol: Mechanism



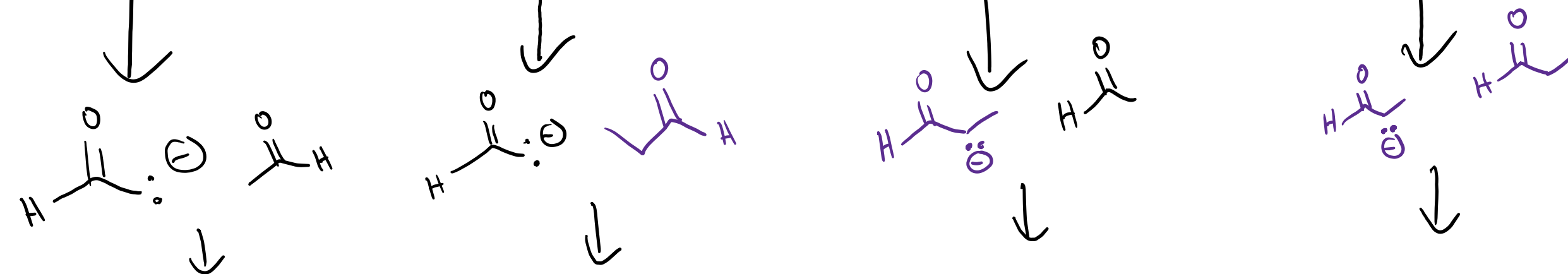
Examples:



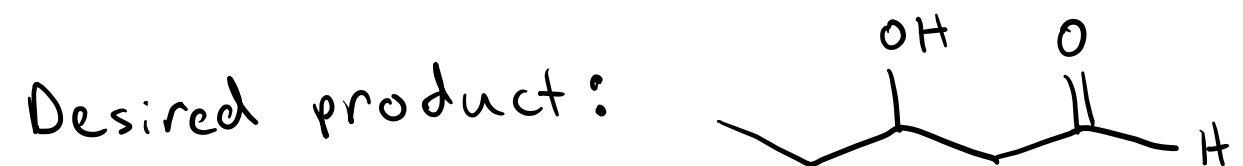
"Crossed" Aldol (or "mixed" Aldol)



NaOH

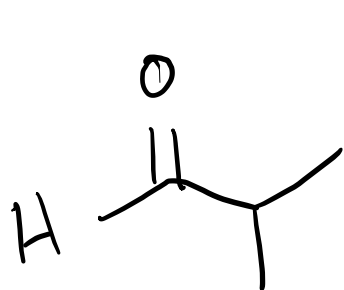
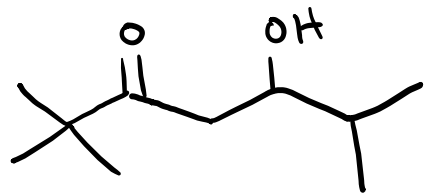


Crossed Aldol: Strategy

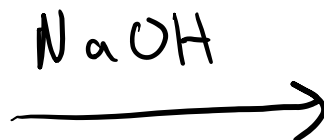
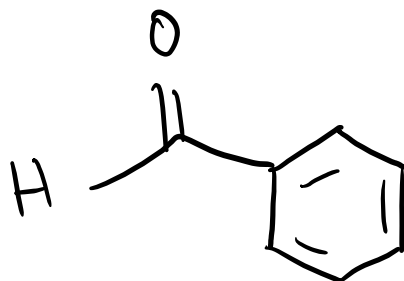


Crossed Aldol: Examples

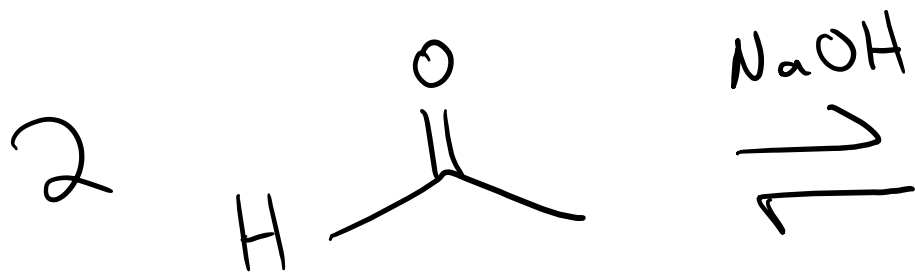
Desired Product:



+



Aldol Condensation



overall:



Aldol Condensation: Mechanism and Stereochemistry

