Aldol and Claisen Condensations

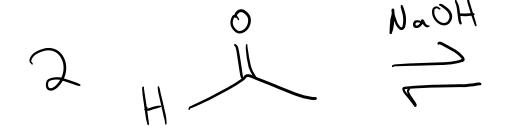
3/22/2022

Crossed Aldol: Strategy -> need to builly convert one Ketones/aldehydes into an enolate, then add it to the other ketone/allehyde - Stepwise rxn! Desired product: e achophile (actually NHOCO) Elechophile We strong chough base (ylwolz) 6 fully deprohomate

Crossed Aldol: Examples

Descred Product:

Aldol Condensation



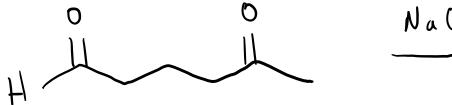


Aldol Condensation: Mechanism and Stereochemistry



Intramolecular Aldol Condensation







Crossed Claisen (or mixed Claisen)