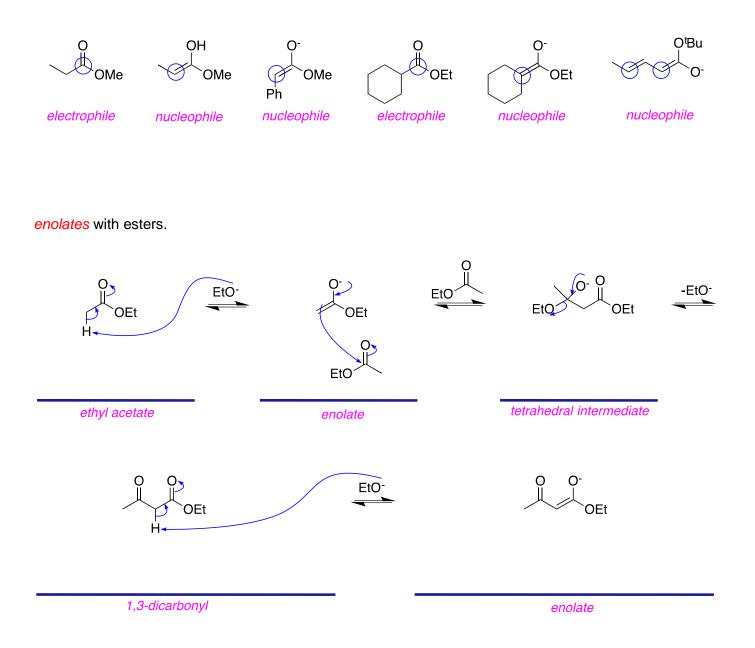
Reactions Of Ester Enolates With Esters

from chapter(s) _____ in the recommended text

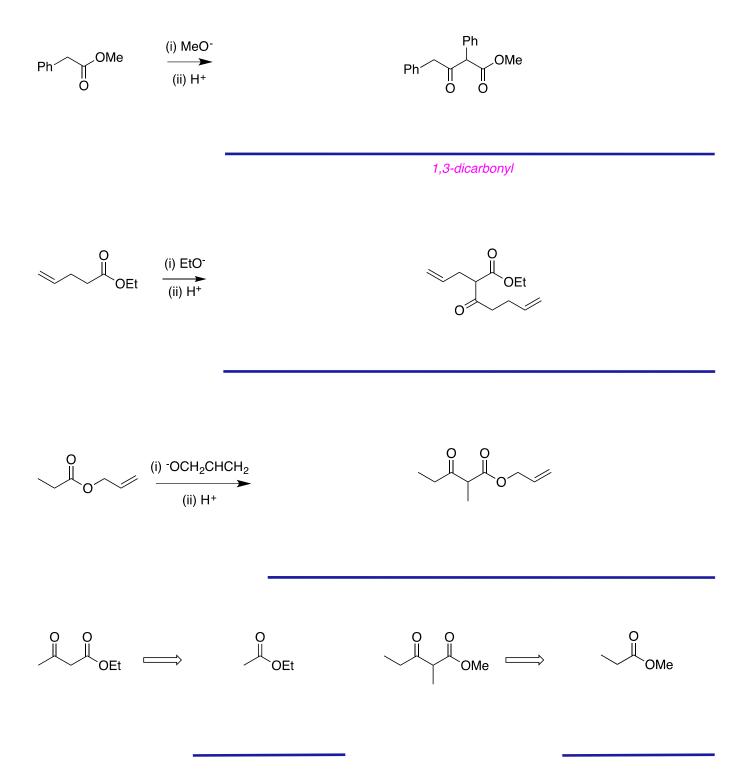
A. Introduction

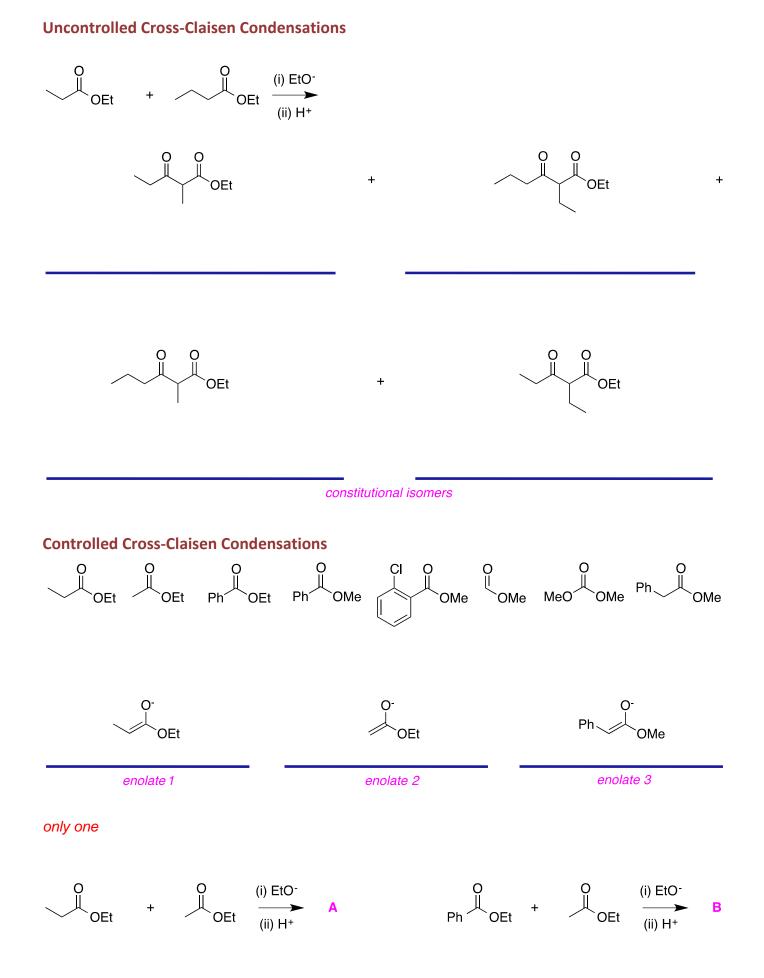
B. Enolates With Ester Electrophiles (Claisen Condensations) Homocoupling Of Esters

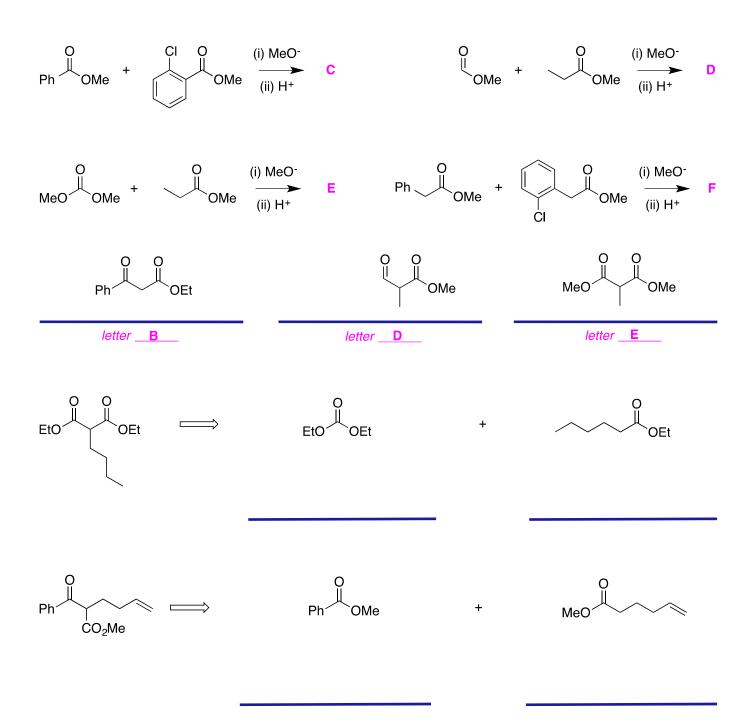


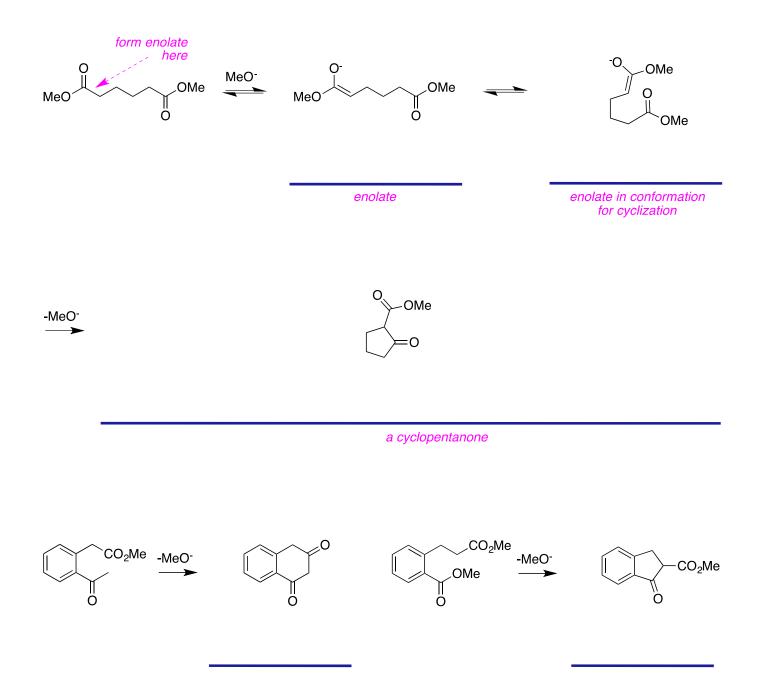
more stiochiometric.

transesterification.



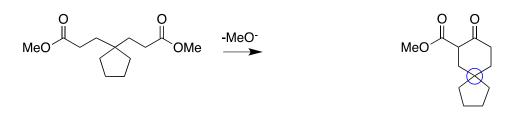


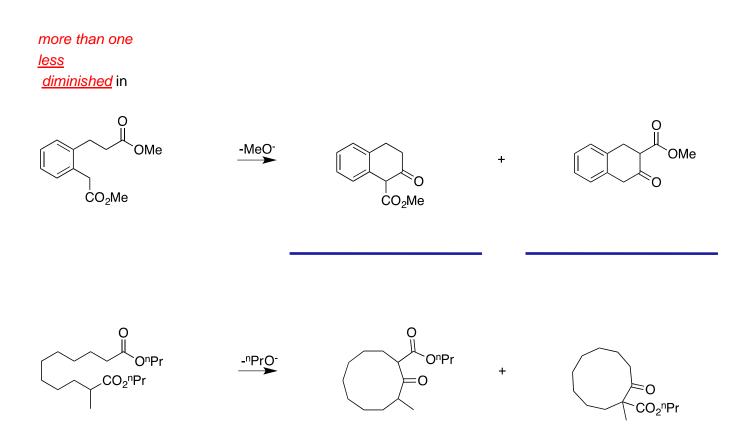




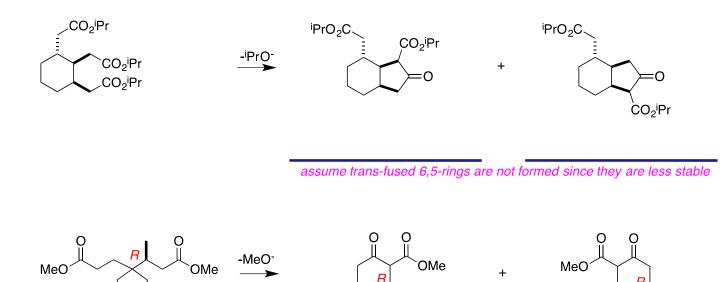
Intramolecular Reactions Of Ester Enolates With Esters (Dieckmann Reactions)

form a single point of contact between two rings.





R



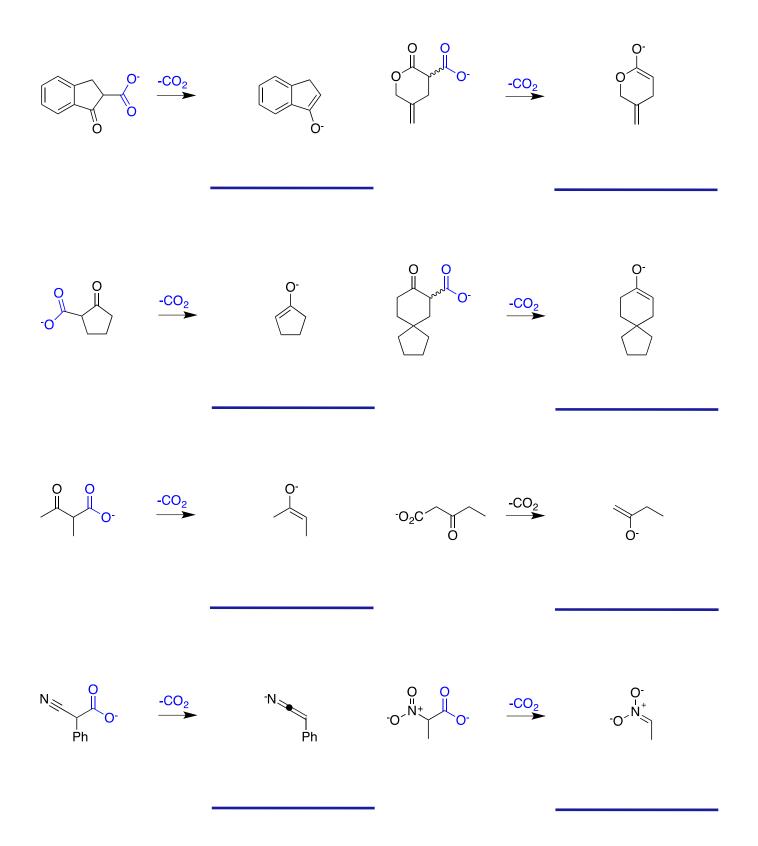
R

the same configurations.

C. Decarboxylation Of 3-Oxocarboxylic Acids

From Carboxylates

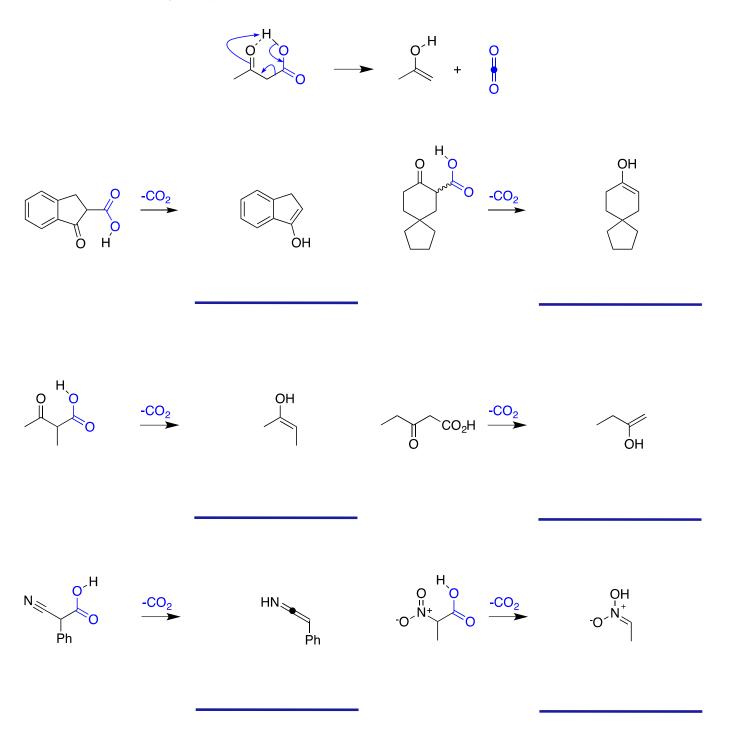




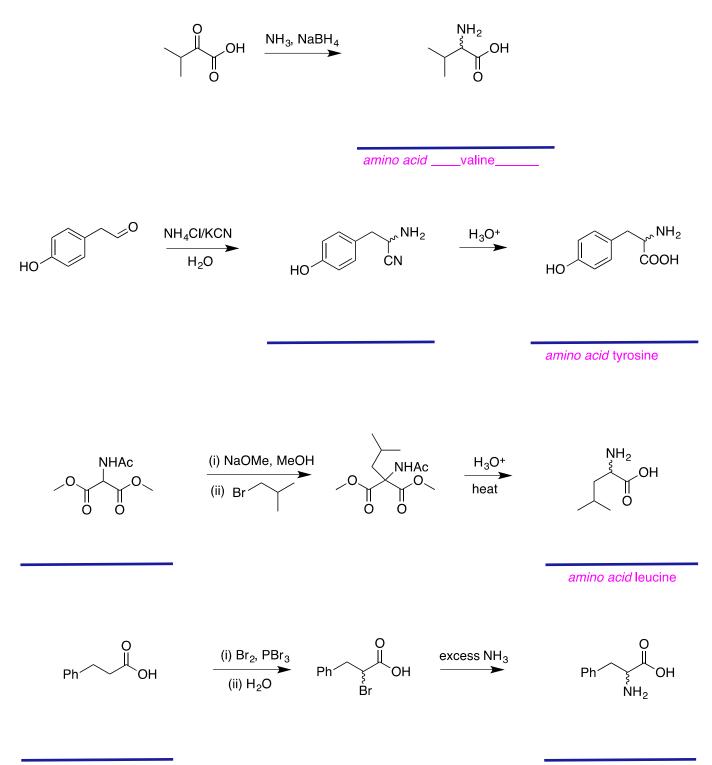
From Carboxylic Acids

carboxylates and carboxylic acids

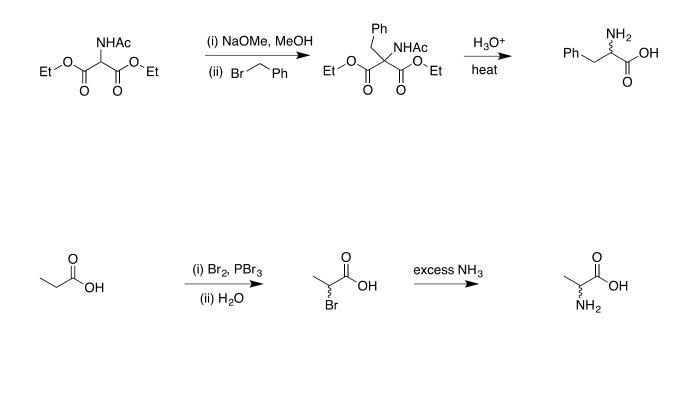
enols (whereas carboxylates produced enolates).

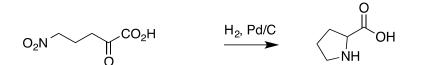


D. Classical Syntheses Of Amino Acids

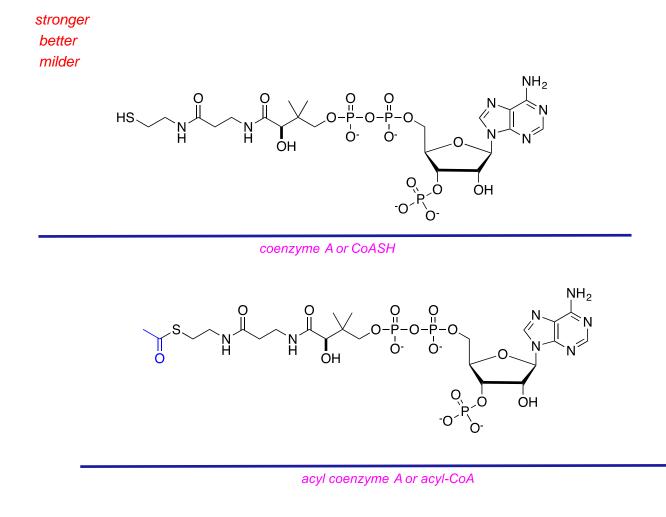


amino acid phenylalanine



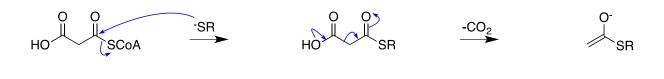


E. Thioesters Are More Reactive Than Esters



huge better

Nature's Equivalent To Claisen Condensations



malonyl-CoA

transthioesterification product enolate of thioester

