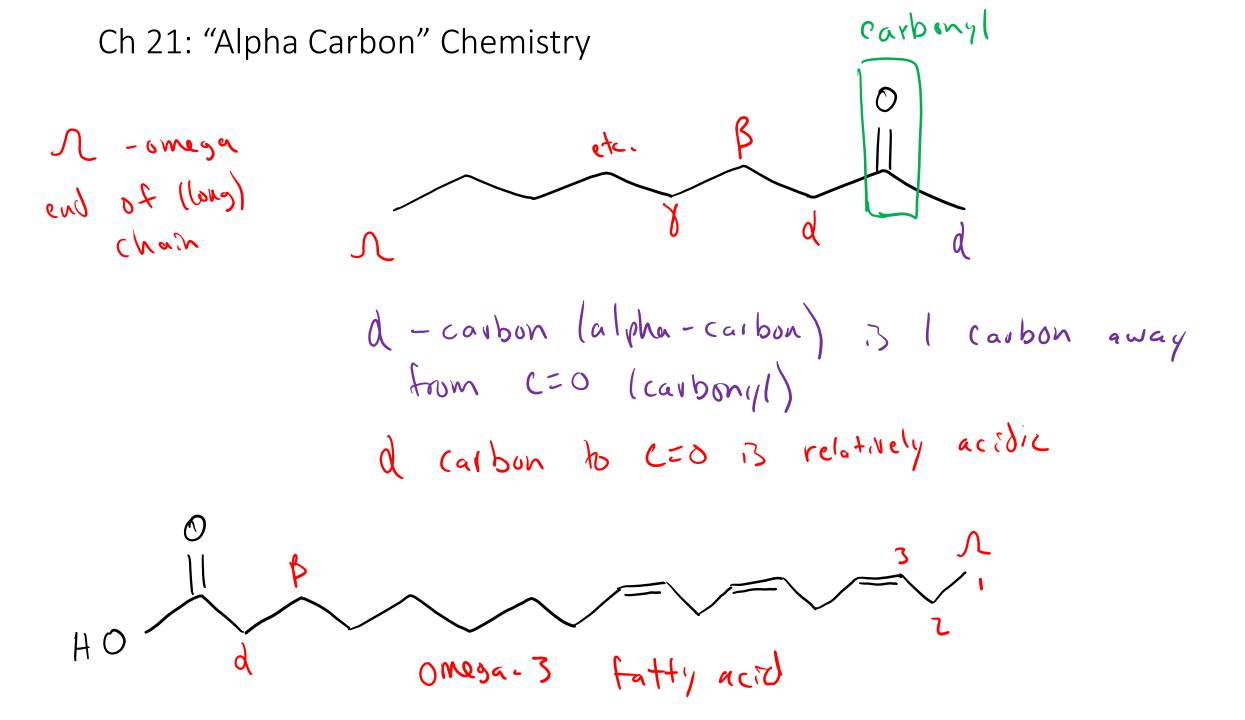
Exam 1 Corrections - I week from today

Friday Unit - mostly (h. 70 reactions

Enols and Enolates

3/15/2023

Acidity of C-H bonds ch la resonance stabilized! 11 N 33 [La= 10:50 alkune e defizient ~25 alkene alkyne why so low! ketone aldehyde

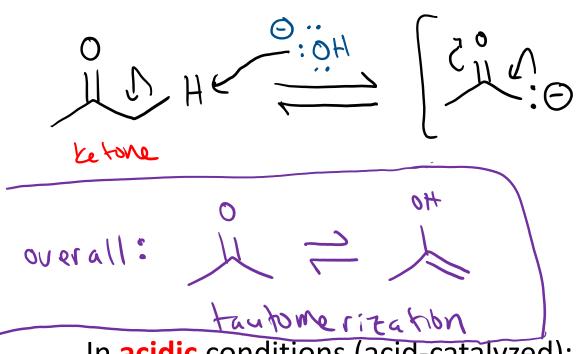


Keto-enol Tautomerism

isomer that Tautomers: constitutional

easily interconvert

In **basic** conditions (base-catalyzed):



In acidic conditions (acid-catalyzed):



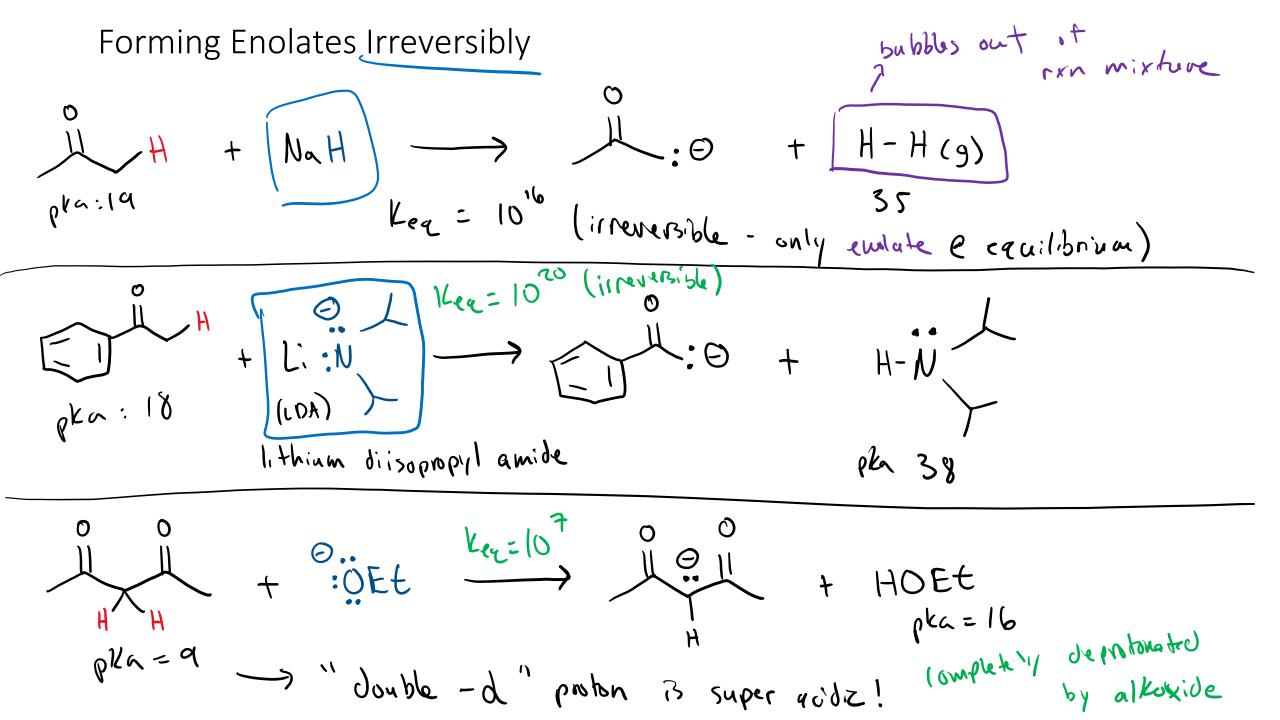
enolate (conj. base or ketone

eno "ere-ol alkene + glahol

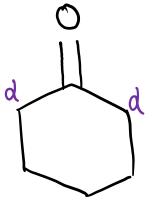
(21.1)

Enolates: Formation and Reactivity Formation:

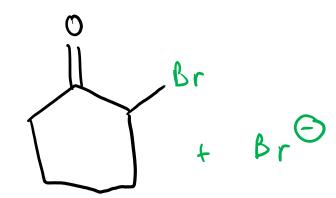
depreturating d-carbon to carbony/ Forming Enolates Reversibly d - carbon pka rouges from (a. 16-20 pka: 19 Deptan of the base you choose is crucial! & Ketone Both know & chalate are present le equilibrium



In acidic conditions:



Bra, H30+



Mechanism: