Today Next Class

Reactions with Nitrogen Nucleophiles Section 16.8

Other Reactions including α,β-unsaturated carbonyls and the Wittig Reaction 16.11-16.13, 16.15

Reactions with Oxygen Nucleophiles Section 16.8

Chap 17 Reactions at the α-C of a Carbonyl

Protecting Groups
16.10
and
Other Reactions including α,β-unsaturated carbonyls and the Wittig Reaction
16.11-16.13, 16.15

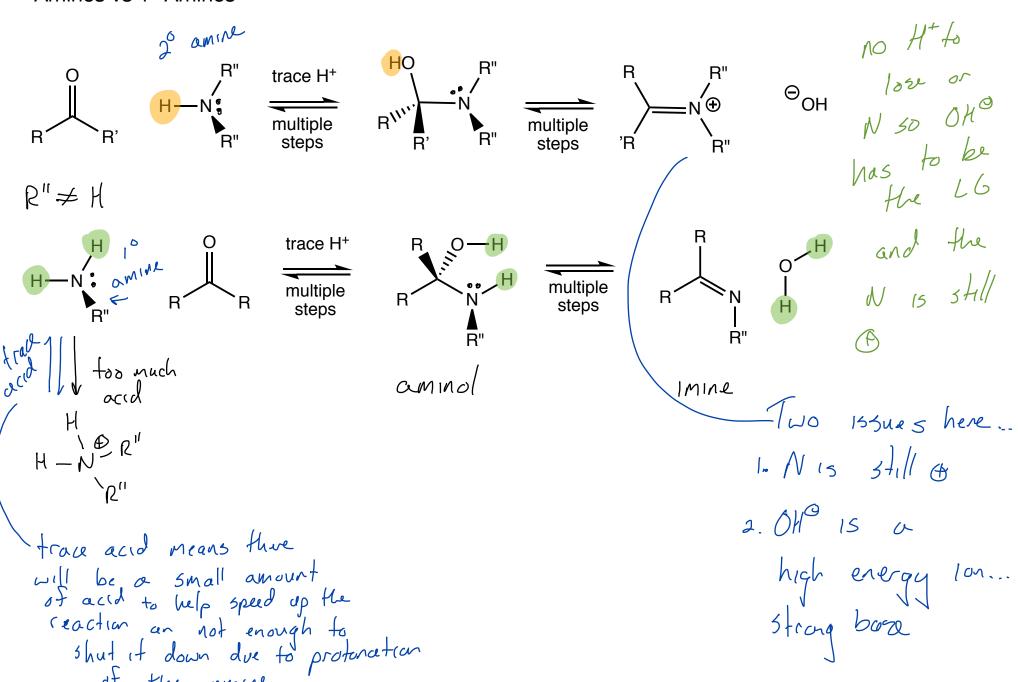
Second Class from Today

Third Class from Today

Chap 17 Reactions at the α-C of a Carbonyl

Chap 17 Reactions at the α-C of a Cabonyl

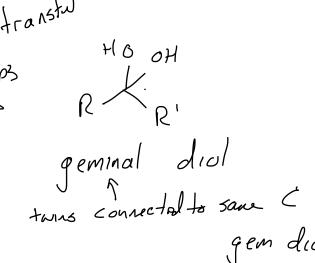
Reactions of Aldehydes and Ketones with Nitrogen Nucleophiles: 2° Amines vs 1° Amines



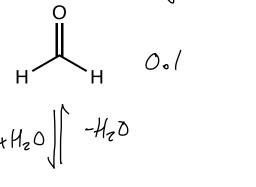
Reactions of Aldehydes and Ketones with Nitrogen Nucleophiles: summary

Reactions of Aldehydes and Ketones with Oxygen Nucleophiles: Why do I care again?

Reactions of Aldehydes and Ketones with Oxygen Nucleophiles - Hydration



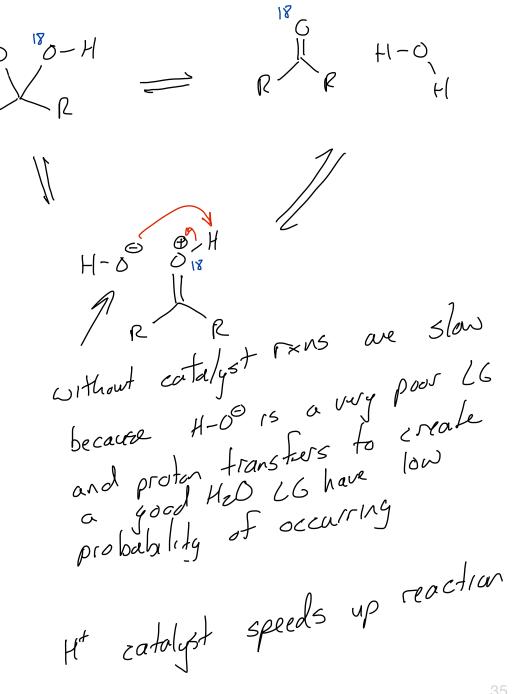
0.7



99.8:0.2

42:58

0.1:99.9



Section 16.9 Reactions of Aldehydes and Ketones* with Oxygen Nucleophiles -Hemiacetals and Acetals

^{*}Even though, nomenclature-wise, ketones form hemiketals and ketals chemists typically refer to the entire class of molecules as hemiacetals and acetals.