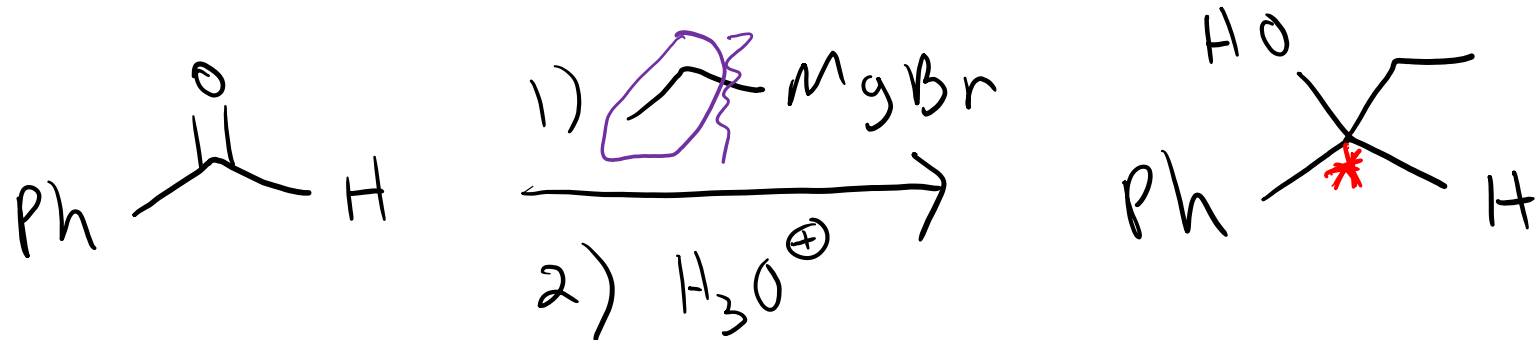
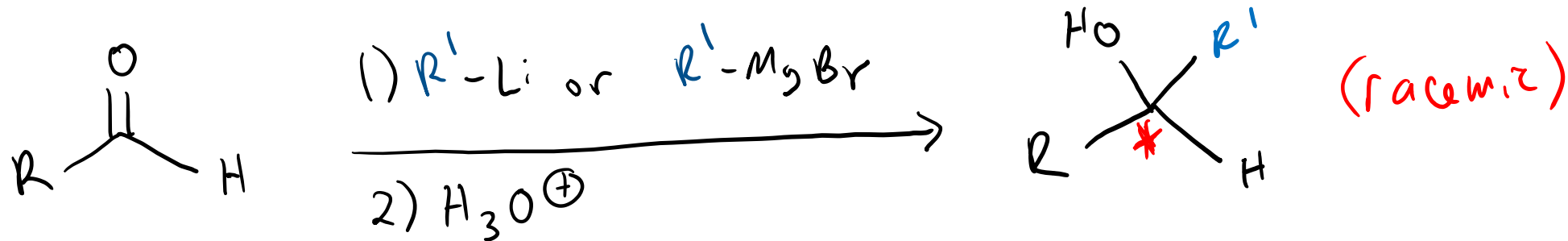


Carbon Nucleophiles

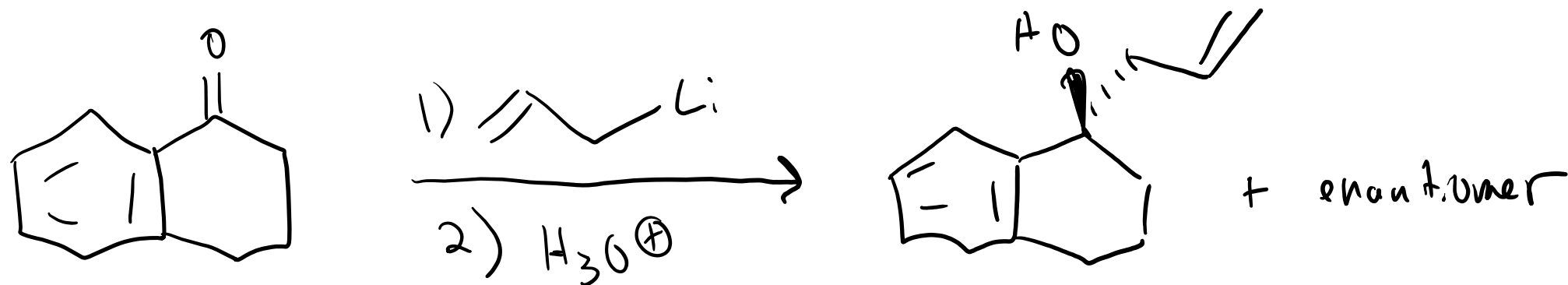
Wittig Reaction

2/13/2023

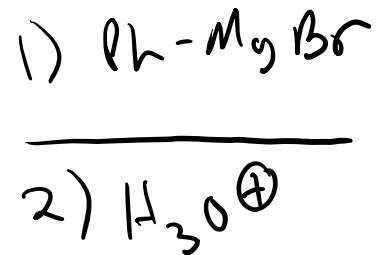
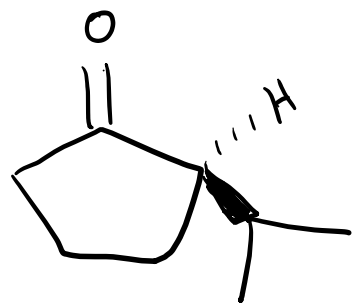
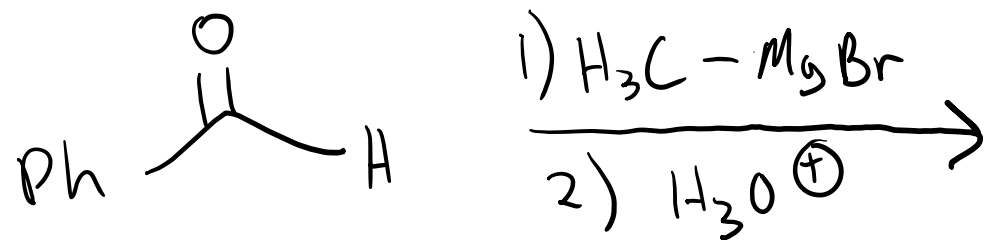
Carbon Nucleophiles



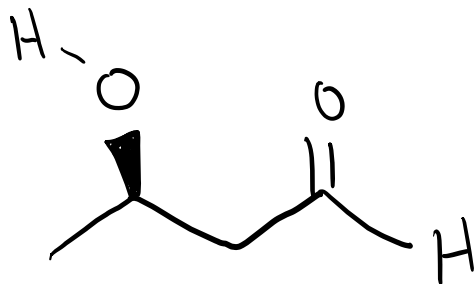
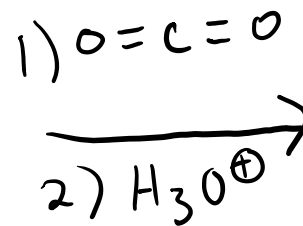
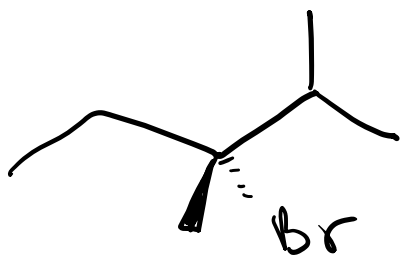
you must indicate stereochem in some way when new chiral center forms!



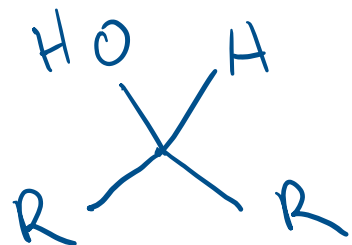
Carbon Nucleophiles: Mechanism and Stereochemistry



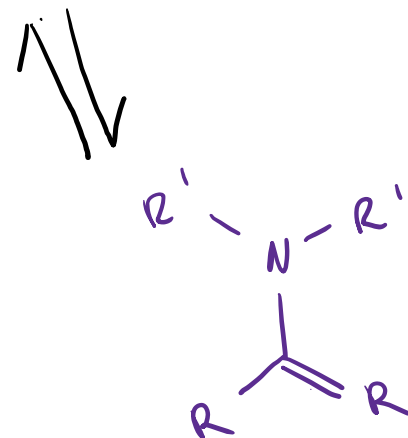
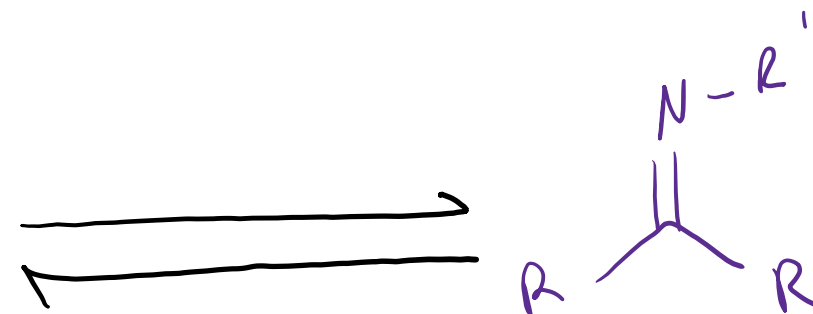
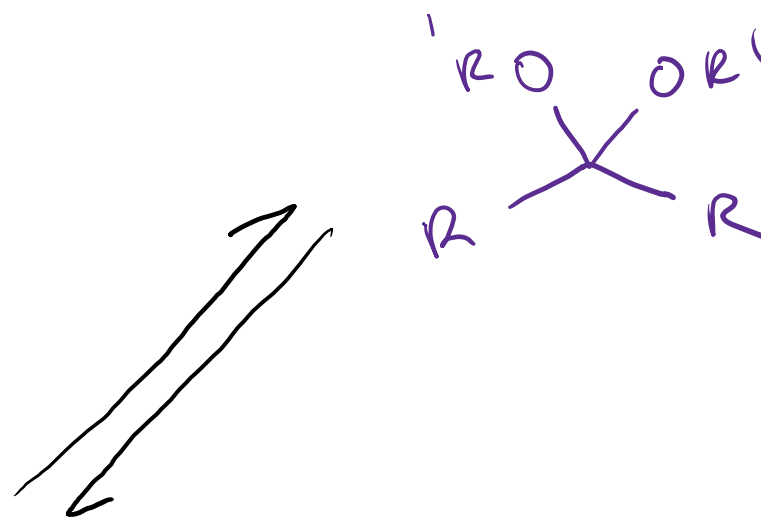
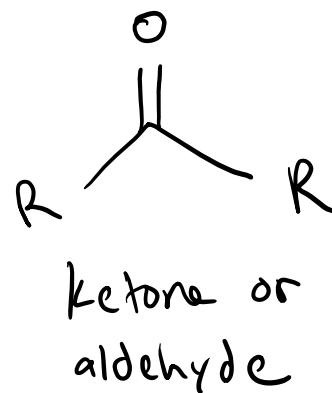
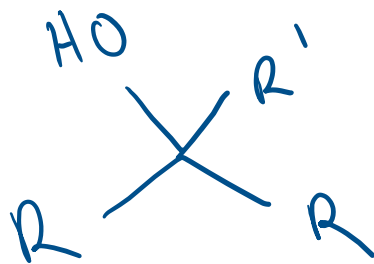
Carbon Nucleophiles: Other Notes



Ch 19: Recap



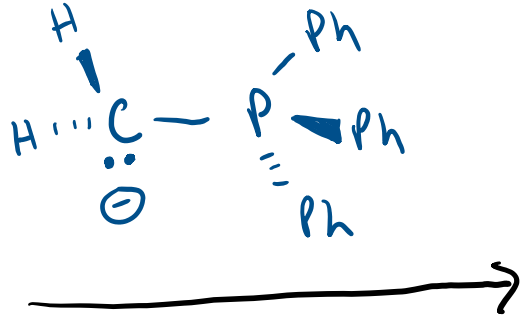
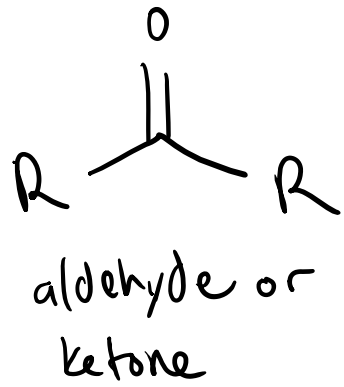
Strong nucleophiles:
irreversible



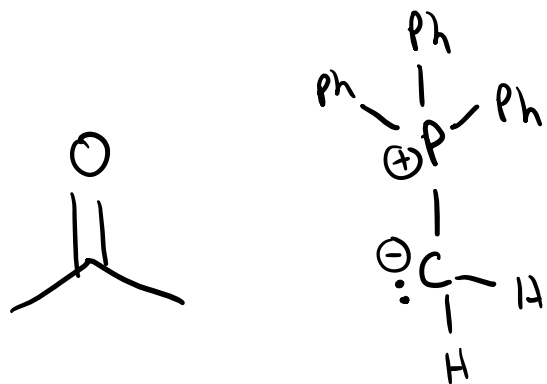
Weak nucleophiles:
Reversible (equilibrium)
reactions

Wittig Reaction

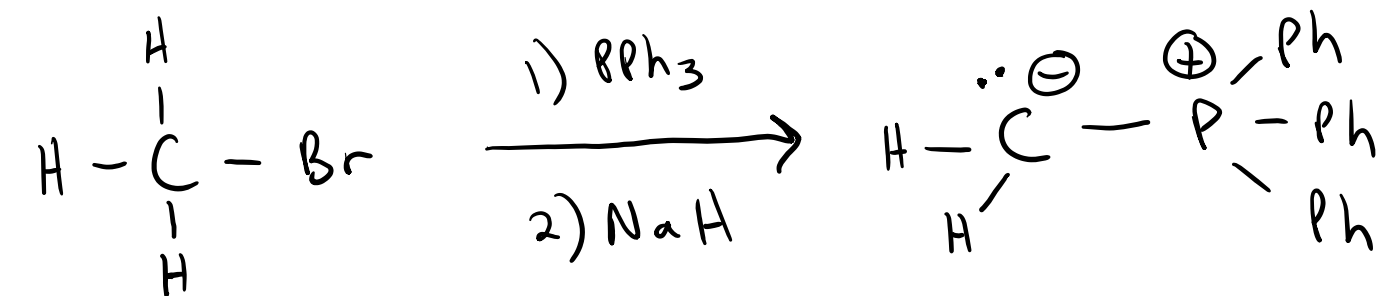
(19.10)



Wittig Reaction: Mechanism



Synthesizing the Ylide Reagent



Wittig Reaction: Stereoselectivity

