

 The Wittig Reaction

 Synthetic method for preparing alkenes.

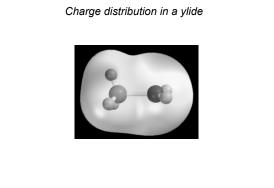
 One of the reactants is an aldehyde or ketone.

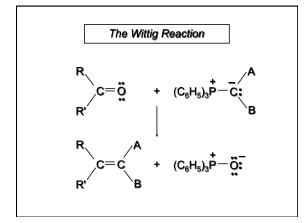
 The other reactant is a phosphorus ylide.

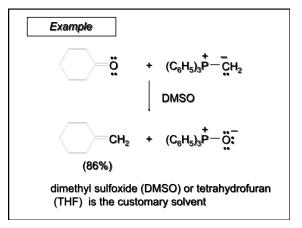
 (C₆H₅)₃P - \overrightarrow{C} :

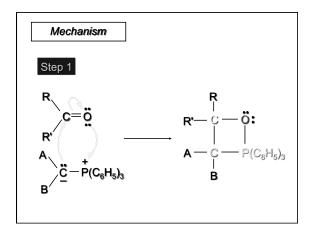
 B

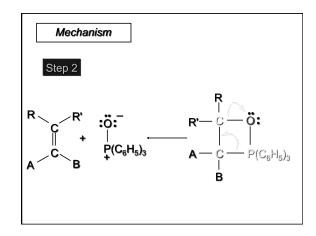
A key property of ylides is that they have a negatively polarized carbon and are nucleophilic.

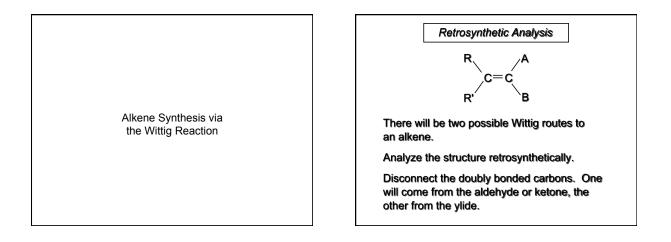


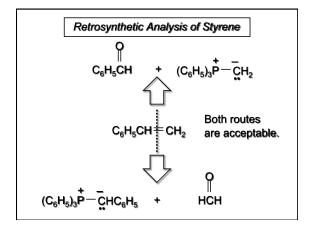


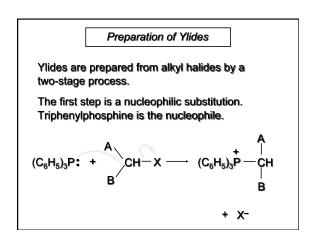


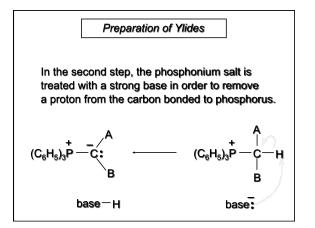


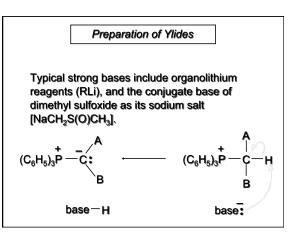


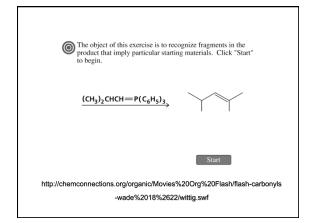


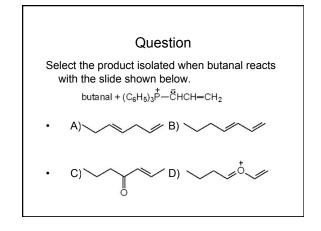


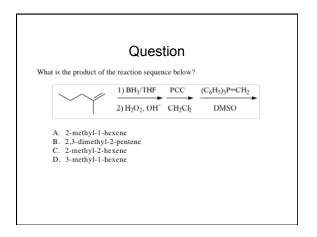


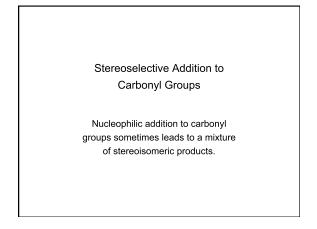


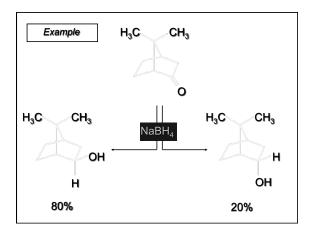


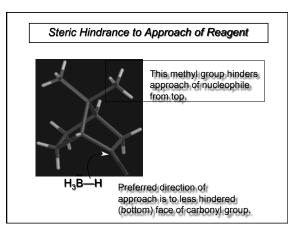


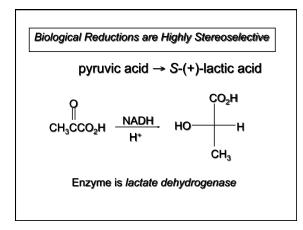


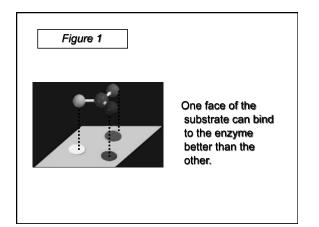


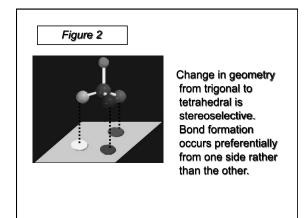












Oxidation of Aldehydes

