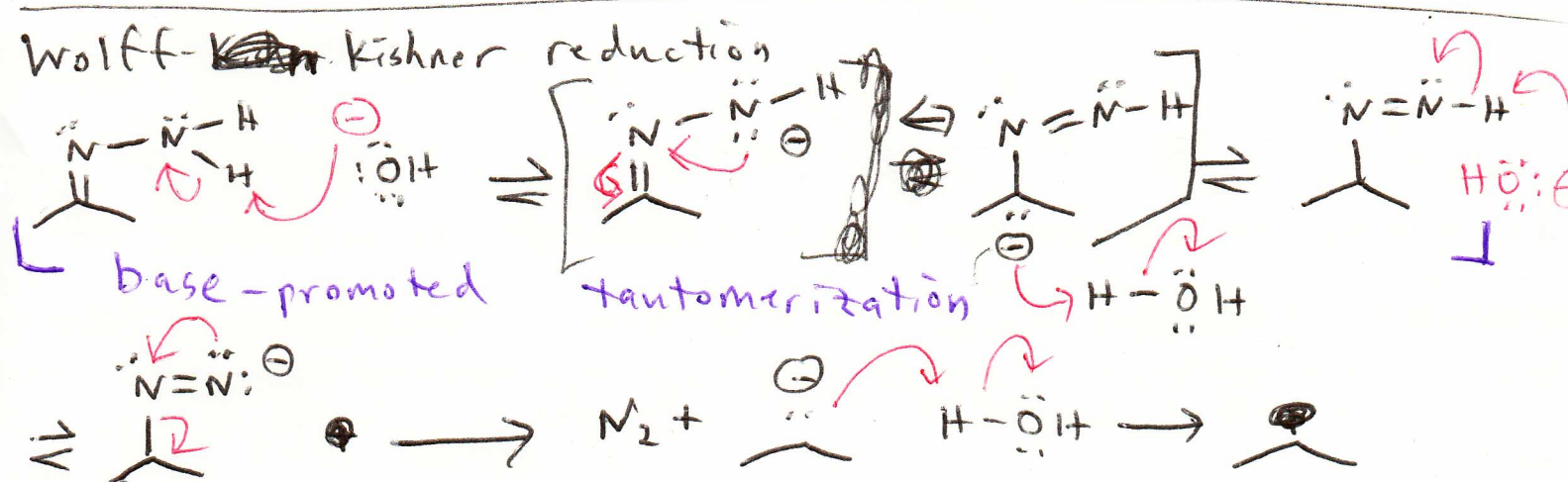
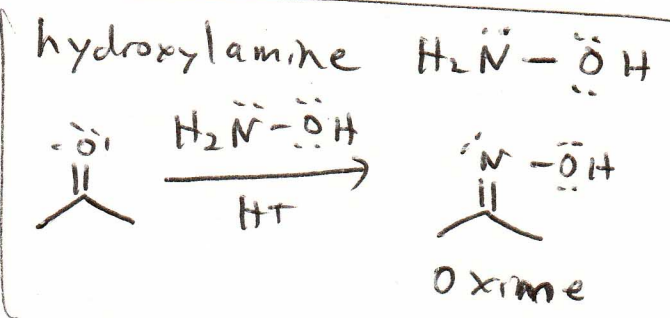
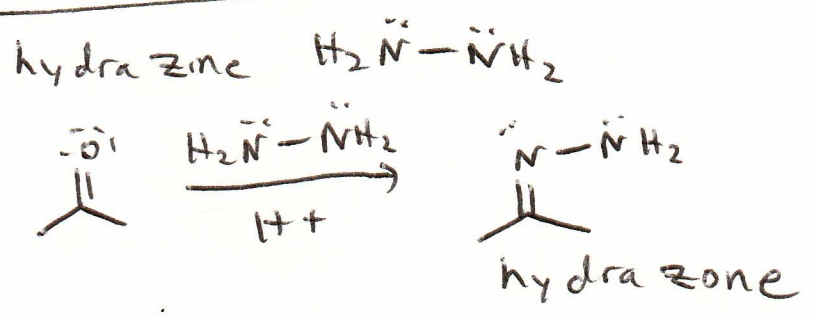
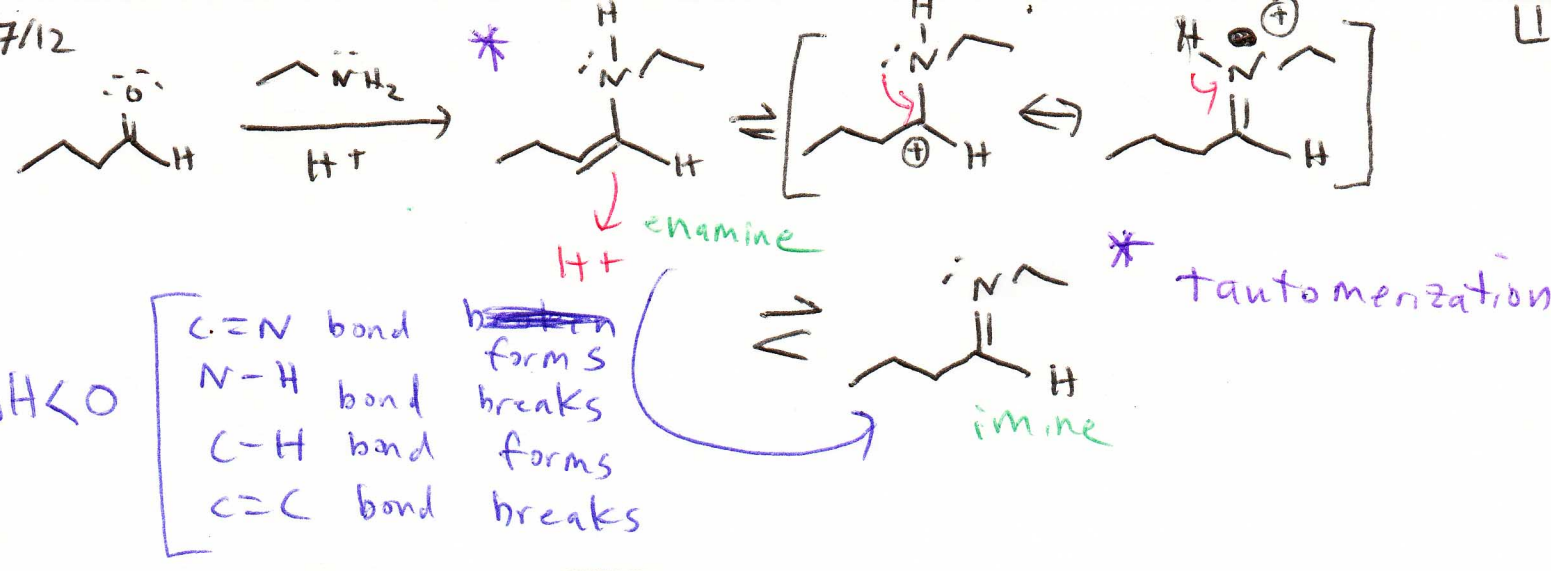
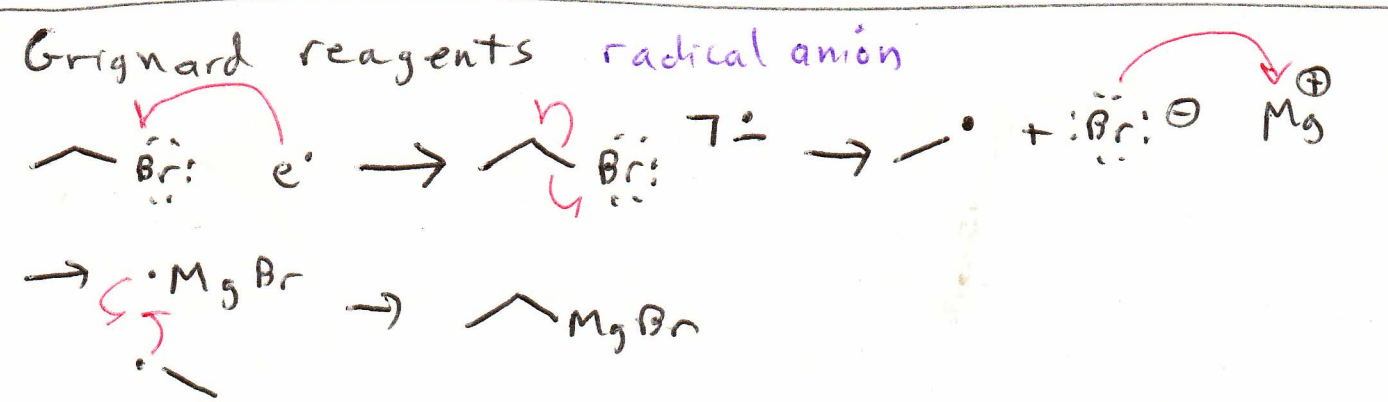


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Synthetic utility: convert aldehydes + ketones to alkanes (reduction)

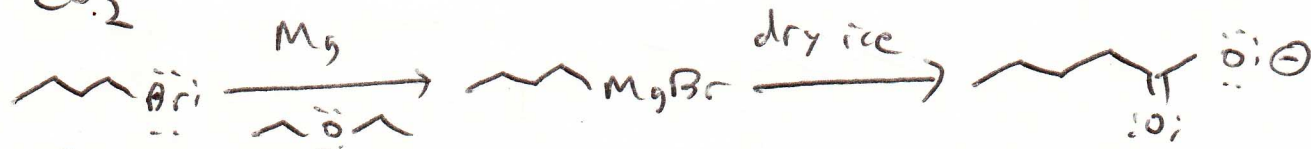


Grignard reagents can be destroyed by:

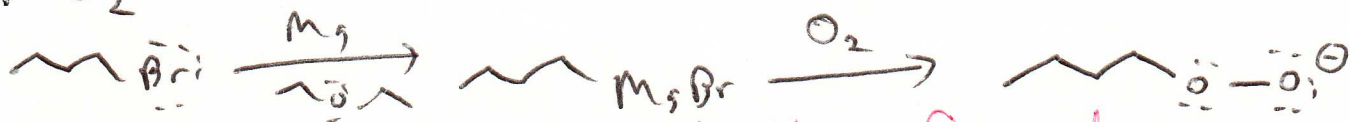
- H₂O (or any protic compound)



- CO₂

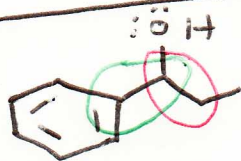


- O₂



Grignard reagents are ideally formed in flame-dried glassware under inert atmosphere

(N₂, Ar)



• In a Grignard rxn, the alcohol formed is located at the carbon that used to be part of the C=O.

- The new C-C bond must contain the carbon that was part of the C=O

