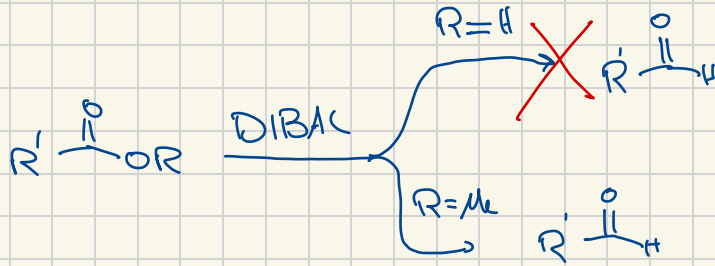


Ex 10

object

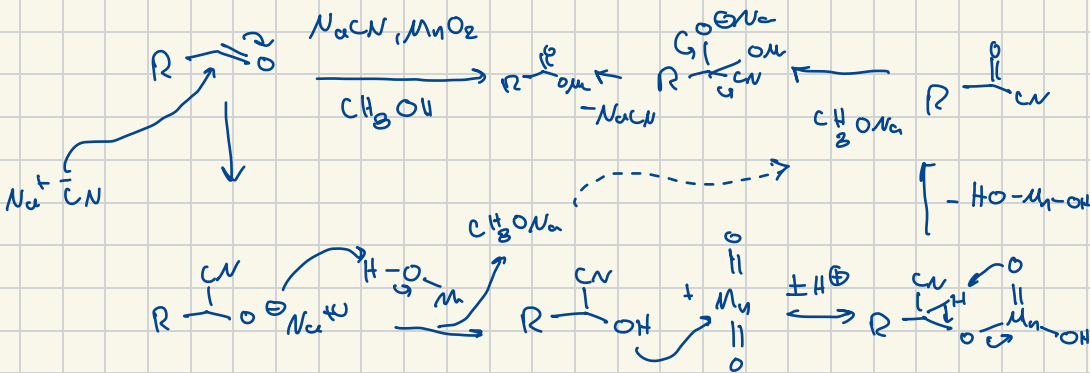
Important remarks for exercise 9:

- DIBAL only reduces esters or amines but not acids?

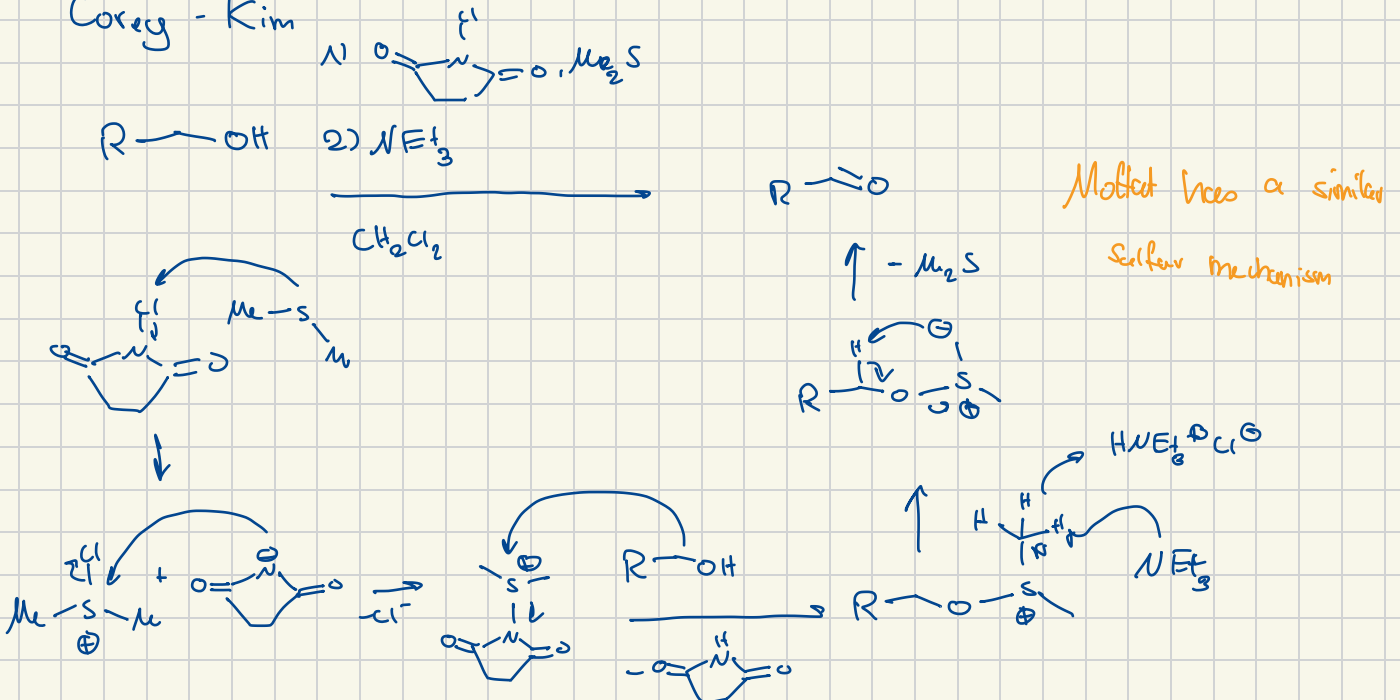


We have a lot of mechanisms in this exercise, we will cover two interesting ones

- Corey - Gilman - Gorman A4

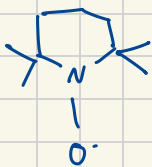


- Corey - Kim

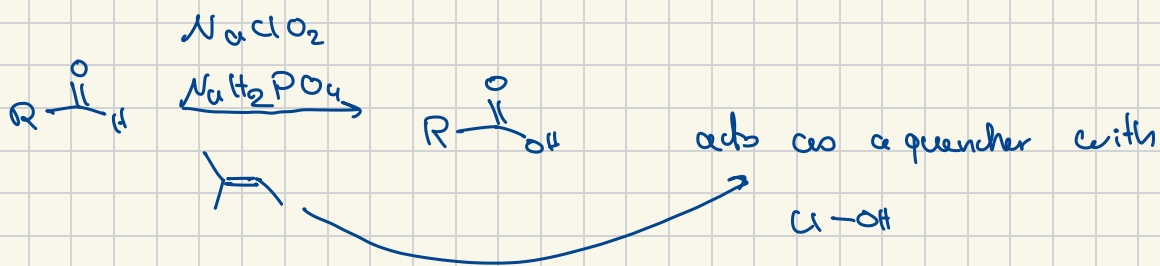


Oxidation: Important details

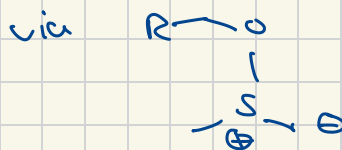
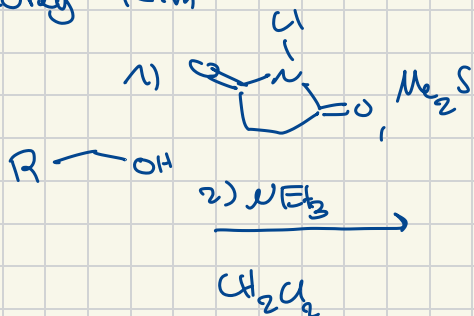
- TEMPO only reacts with 1° alcohols, because of the steric hindrance



- Pinnick reacts selectively with aldehydes

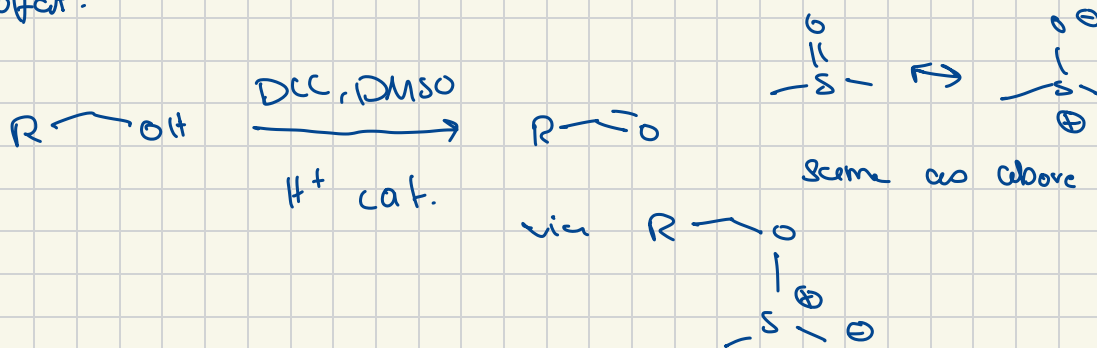


- Corey-Kim



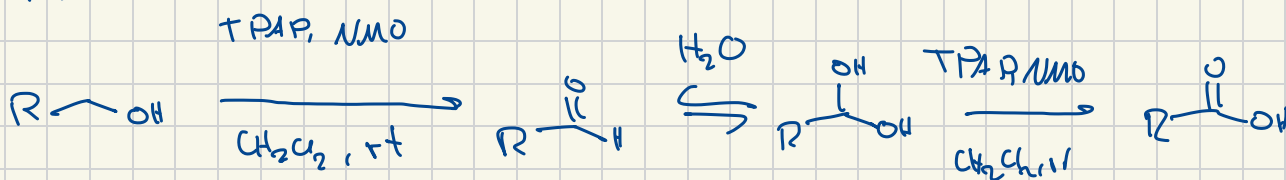
S has bad orbital overlap with C so charges are separated

- Moffat:



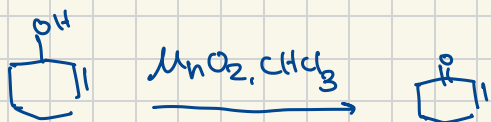
A2a

- TPAP



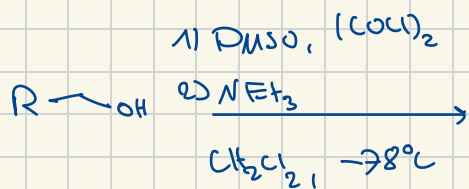
with molecular sieves we stop at the aldehyde

- Manganese dioxide: only reacts with allylic or benzylic alcohols



A2b

- Swern Oxidation: does not produce water



- DMP - Dess-Martin periodinane

