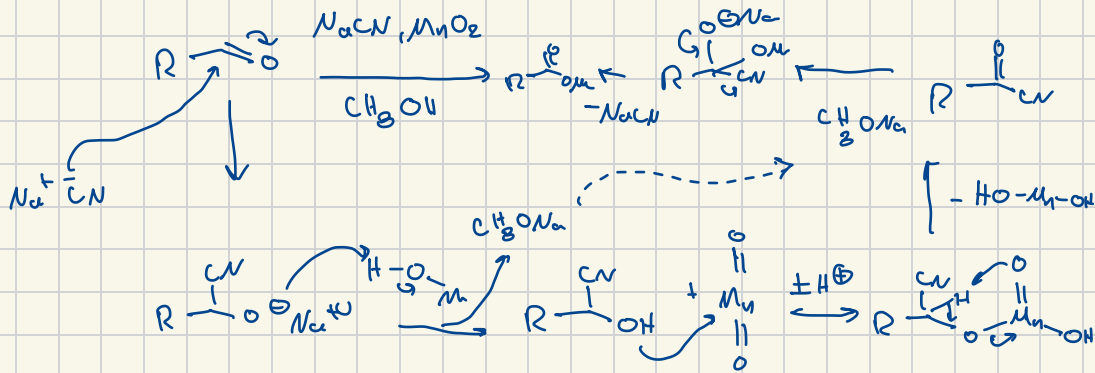


# Ex 10

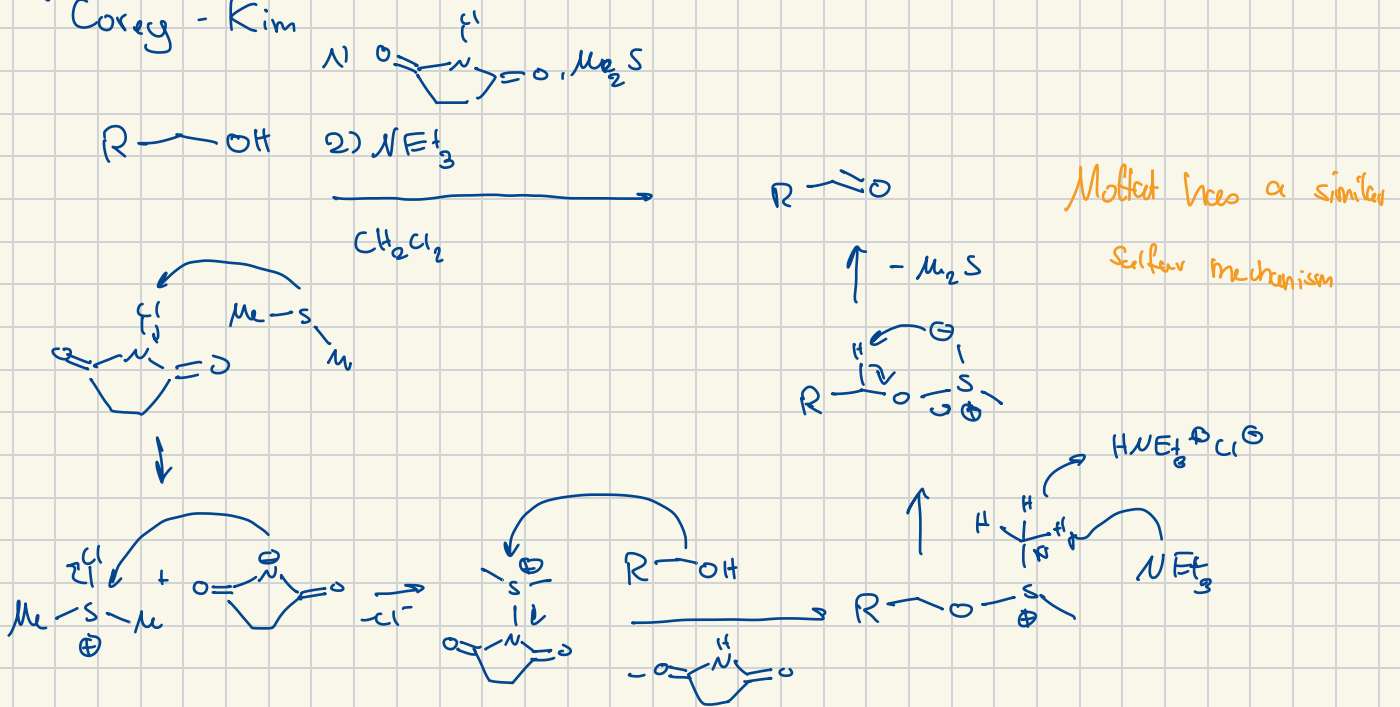
dgade

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

## • Corey - Gilman - Ganem A4

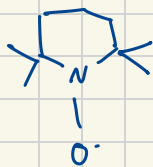


## • Corey - Kim

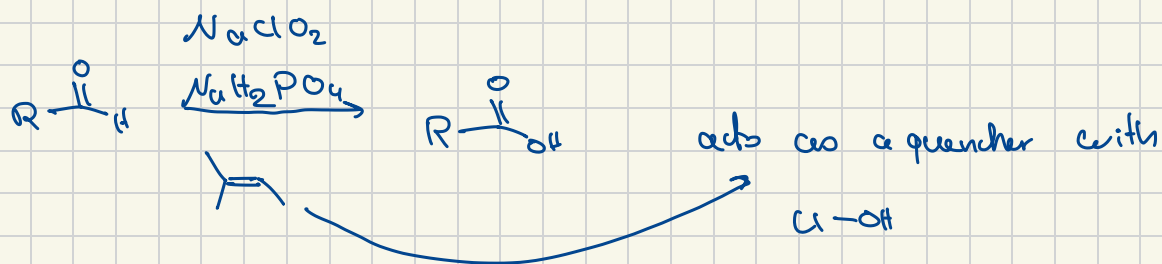


## Oxidation: Important details

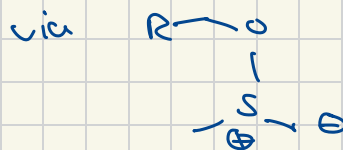
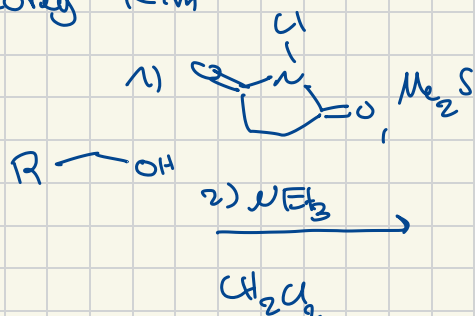
- TEMPO only reacts with  $1^\circ$  alcohols, because of the steric hindrance



- Pinnick reacts selectively with aldehydes

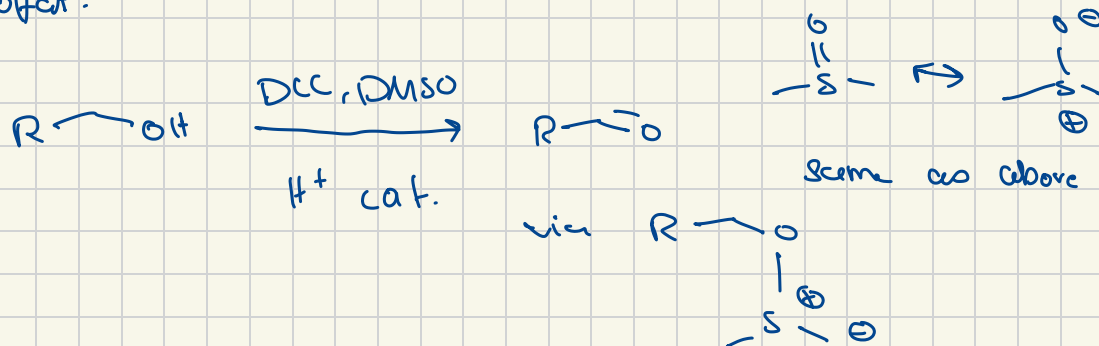


- C Corey-Kim



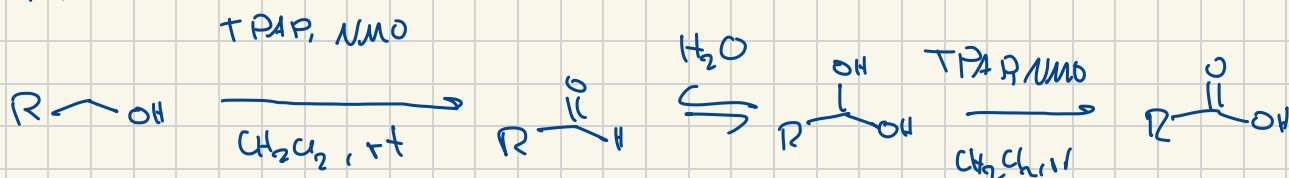
S has back orbital overlap with C so charges are separated

- Moffat:



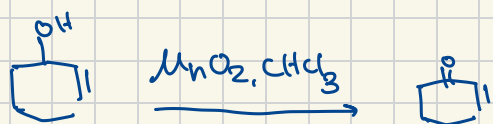
A2a

- TPAP



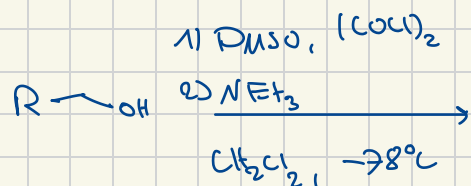
with molecular sieves we stop at the aldehyde

- Manganese dioxide: only reacts with allylic or benzylic alcohols



A2b

- Swern Oxidation: does not produce water



- DMP - Dess-Martin periodinane

