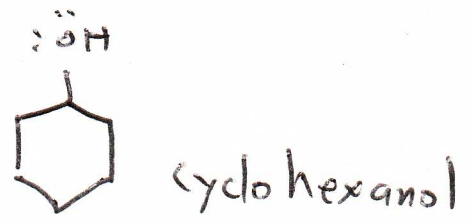
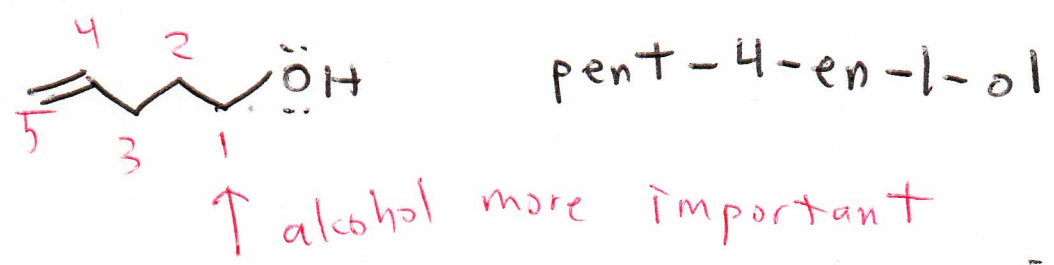
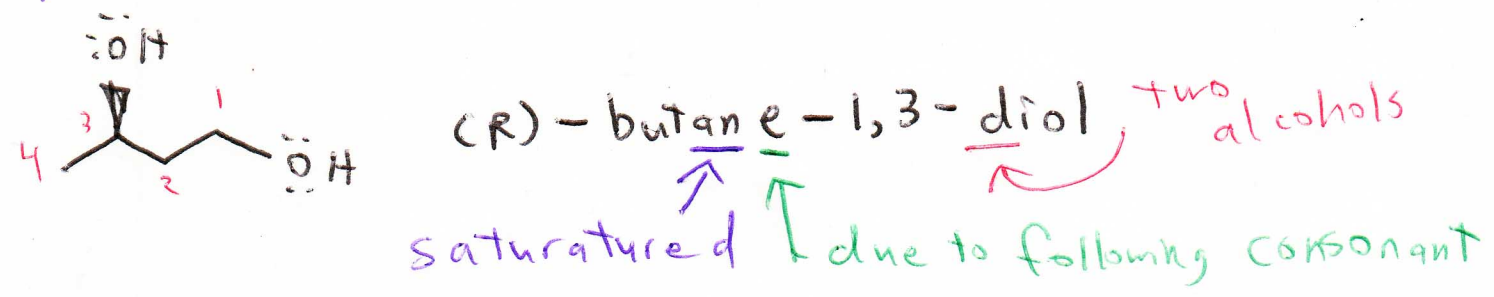
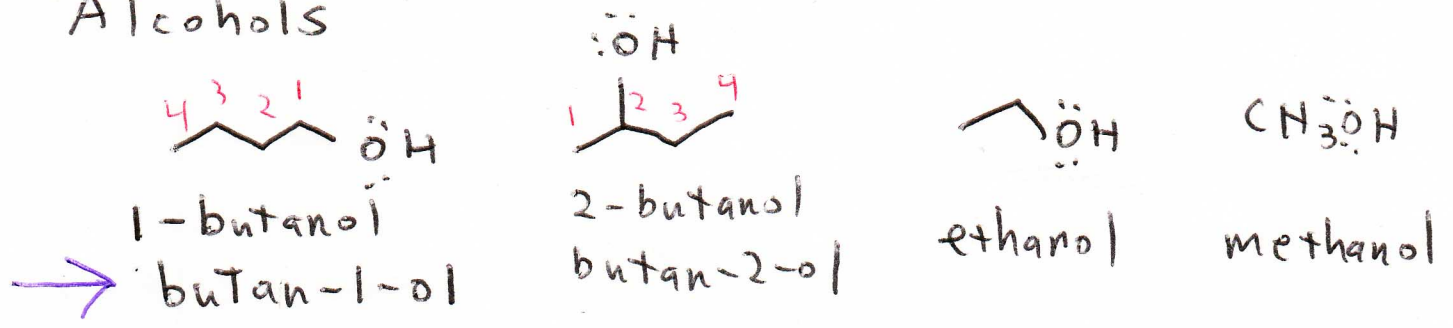


Flashcards

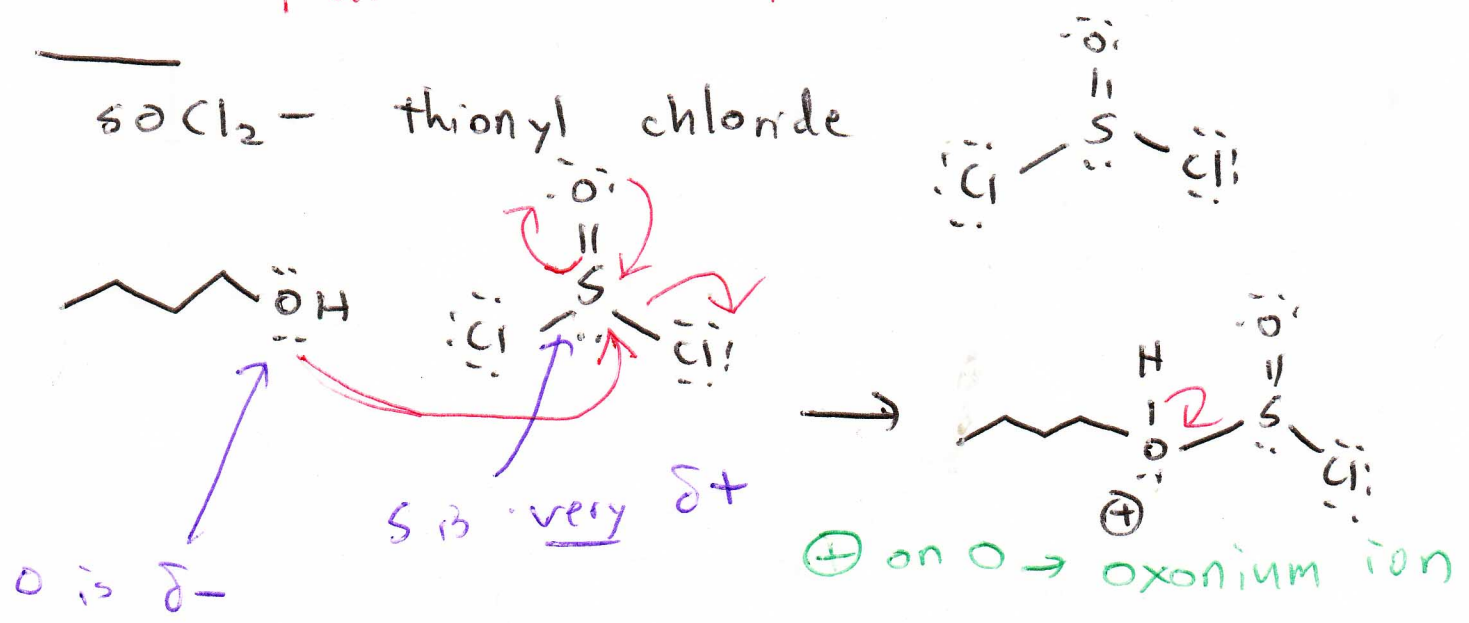
- 1) synthetic utility - what does rxn do?
- 2) reagents
- 3) conditions
- 4) mechanism
- 5) stereochemistry
- 6) regiochemistry



Alcohols

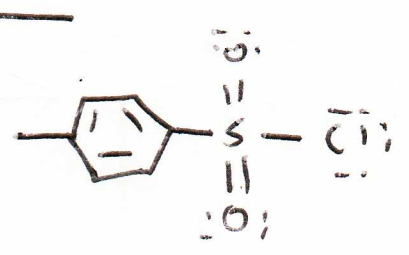
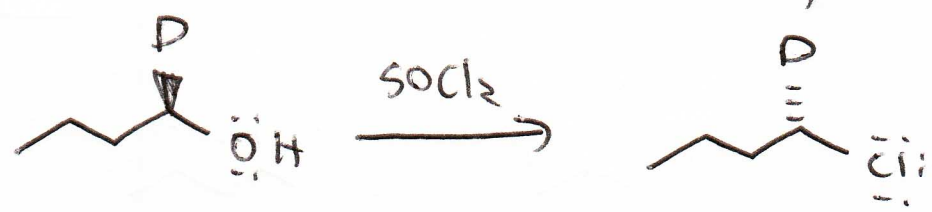


SOCl_2 - thionyl chloride





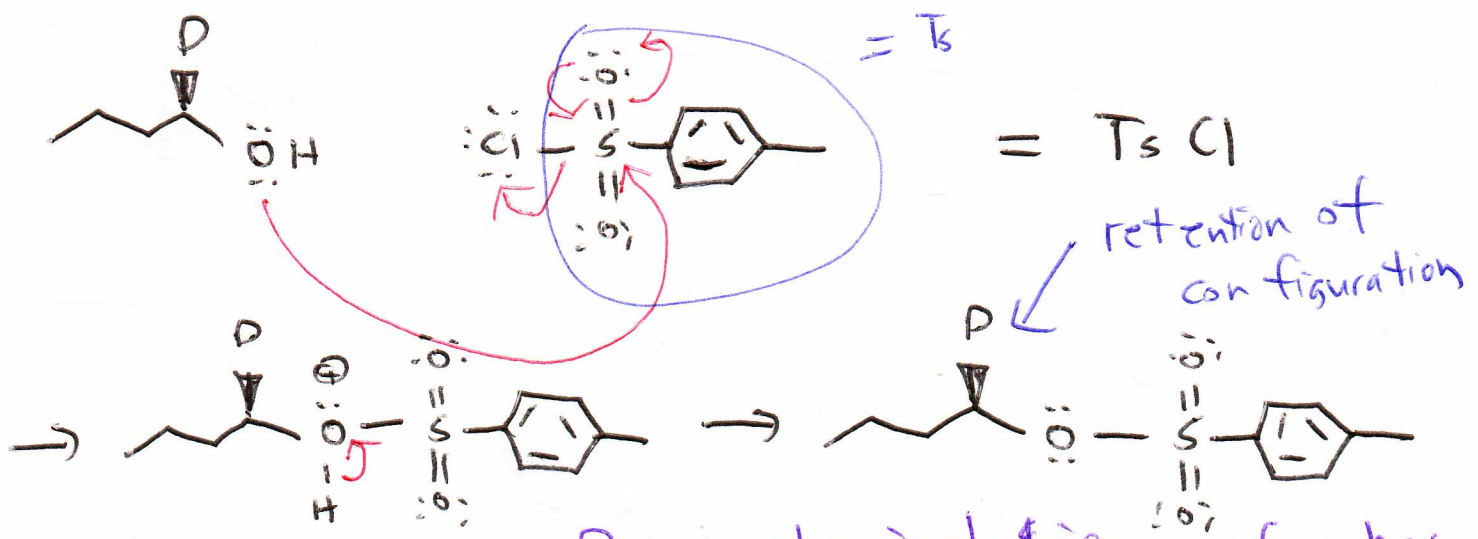
1. utility: alcohol \rightarrow alkyl chloride
2. SOCl2
3. conditions: anhydrous
5. stereochemistry: inversion of configuration
6. regiochemistry: none



p-toluenesulfonyl chloride
tosyl chloride

sulfonyl chlorides $\text{---S(=O)}_2\text{---Cl}$

methylsulfonyl chloride
mesyl chloride



Due to the inclusion of a base to remove H^+ , Cl^- ends up also being removed from rxn,

PBr3
Finkelstein