*CHEM 242 – Lecture 13 05/02/2014*

Overheads: - Outline

Recap Monday: Oxidation of Alcohols:



Reactions of Ethers



🡪 as long as one R or R’ can make C+, goes SN1



 \* ethers do not react with HCl 🡪 Cl- not strong enough Nu- in protic solvents

\* only common reaction of ethers!

Epoxides: special cyclic ethers



⇨ don’t even need to protonate O first if Nu- is strong:



Regiochemistry: - if unsymmetrical, which end does Nu- add to?

- depends if O is protonated first (acidic conditions) or not (basic)



New type of Nu-:





