

CHEM – 478

Organic synthesis



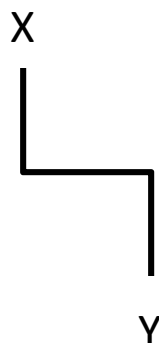
Dr. Humaira Yasmeen Gondal

Department of Chemistry

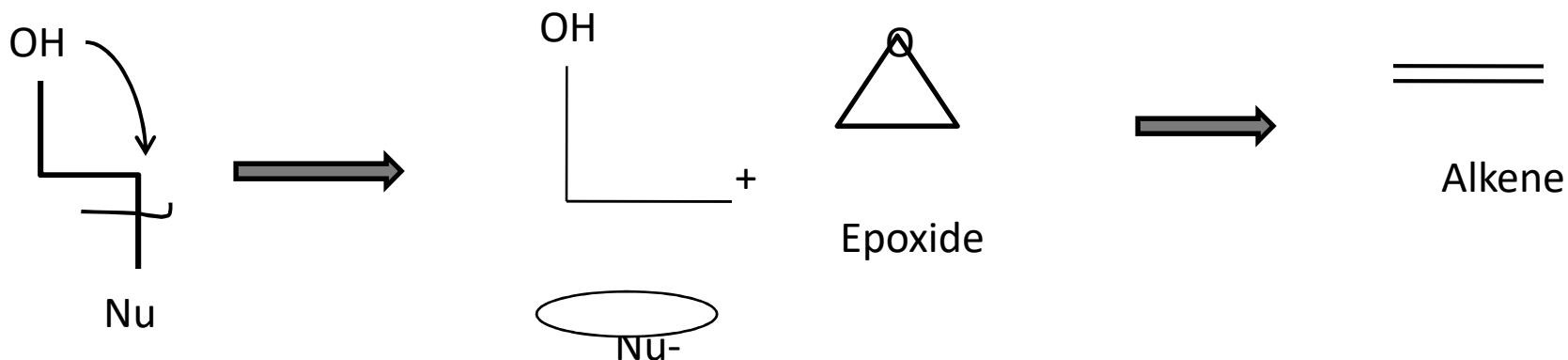
University of Sargodha



1,2-difunctionalised compounds



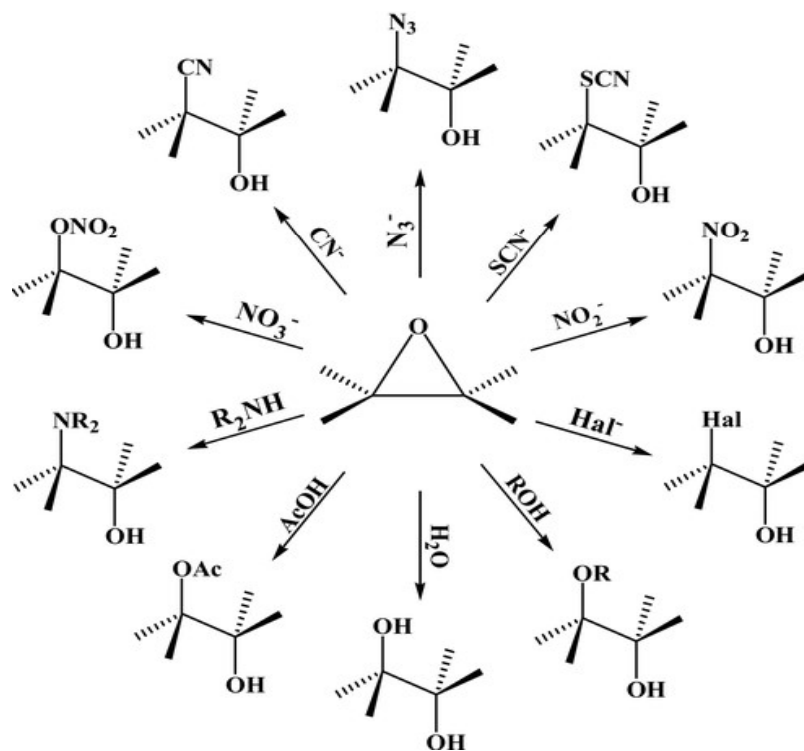
X= OH or its derivatives (X, ethers, esters etc)
Y= Any heteroatom or based Nucleophile
like OR, NR, SR. RMgX, RLi etc





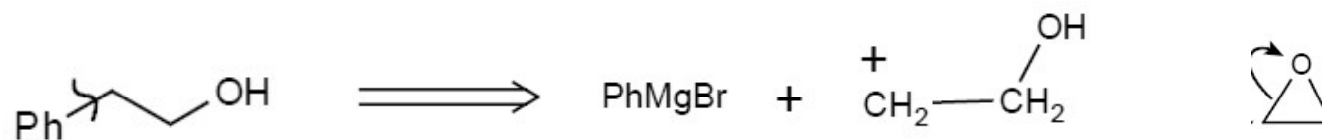
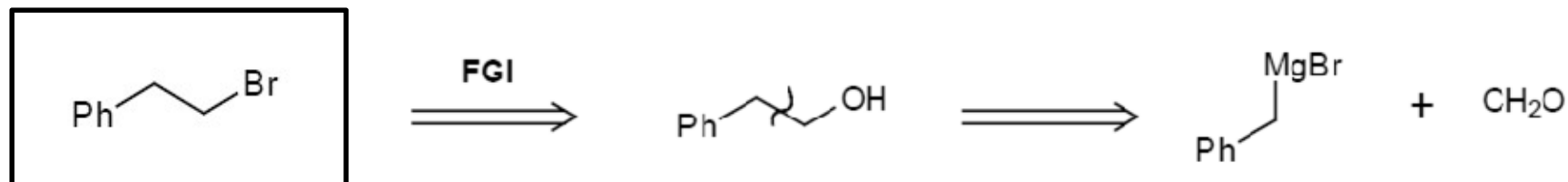
1,2-difunctionalised compounds

Nucleophilic ring-opening of epoxides

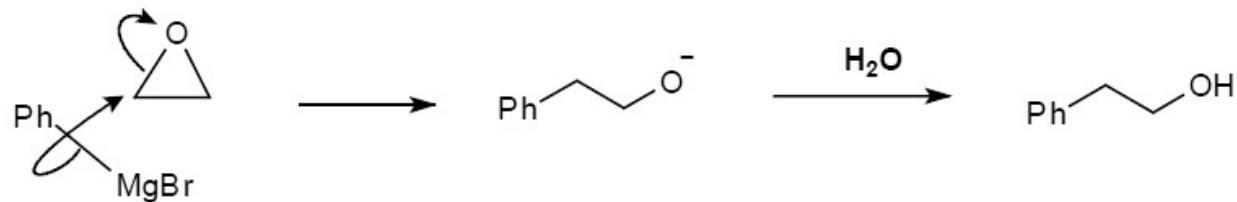




1,2-difunctionalised compounds

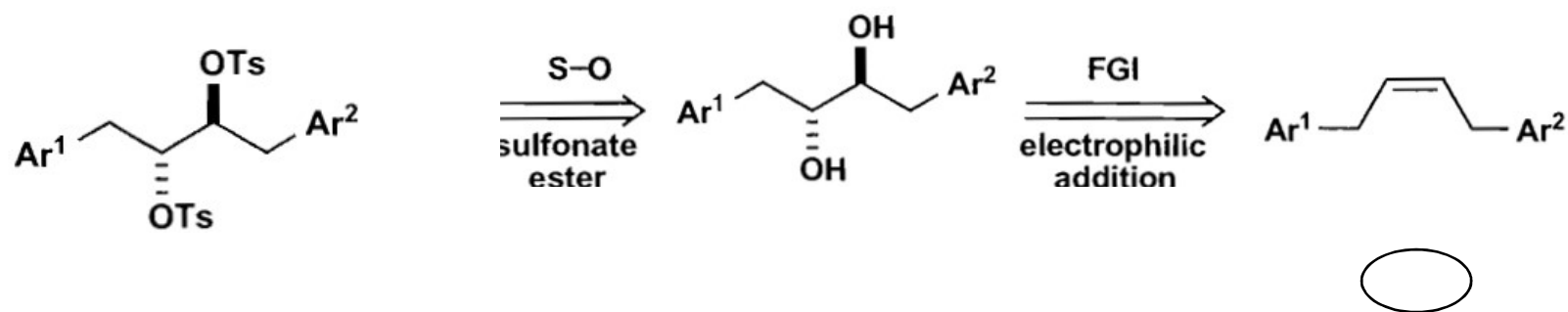
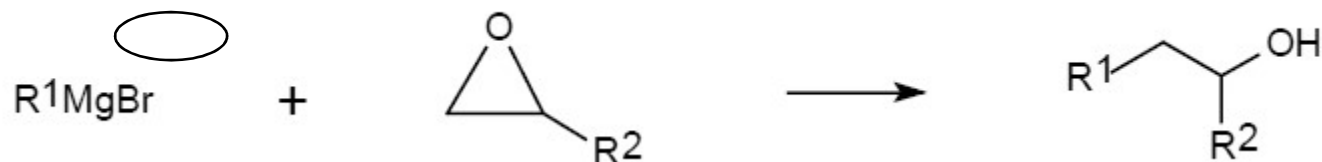


Synthesis



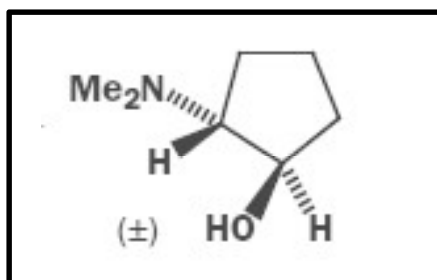


1,2-difunctionalised compounds

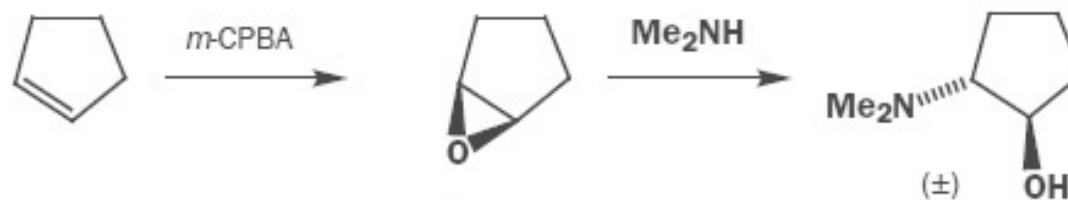




1,2-difunctionalised compounds

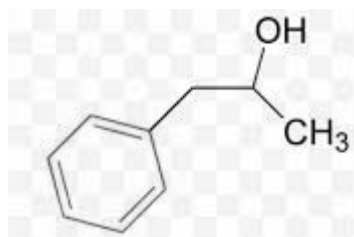


Synthesis

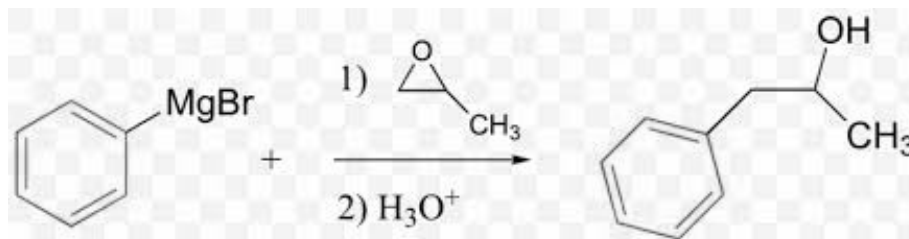




1,2-difunctionalised compounds



Synthesis



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