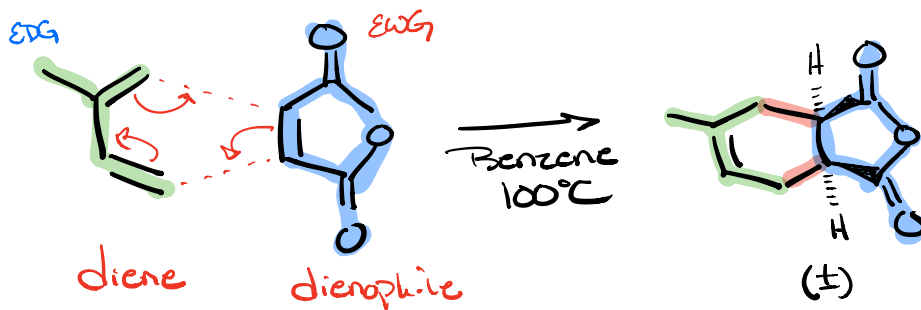
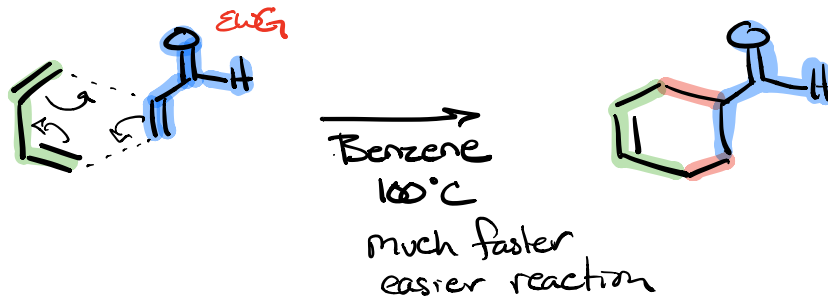
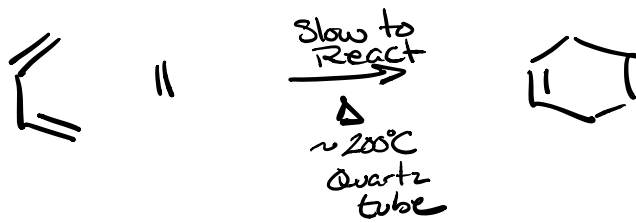
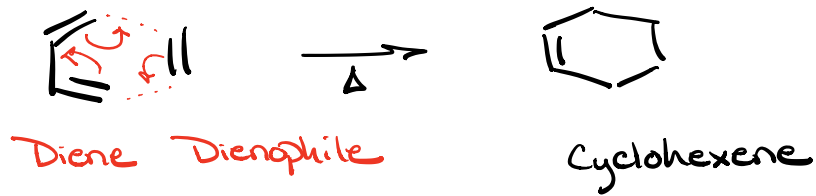
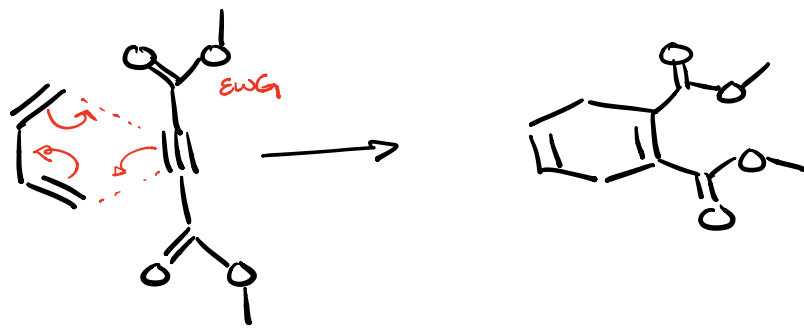


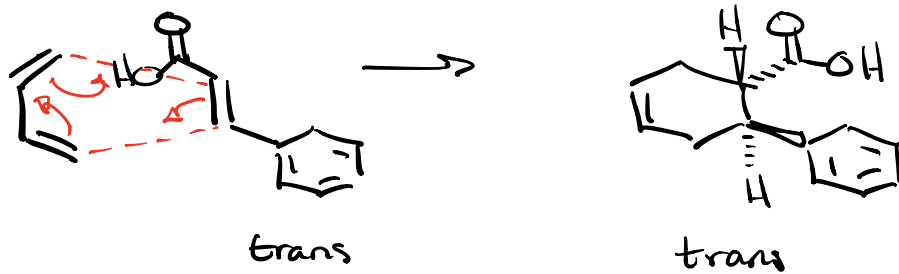
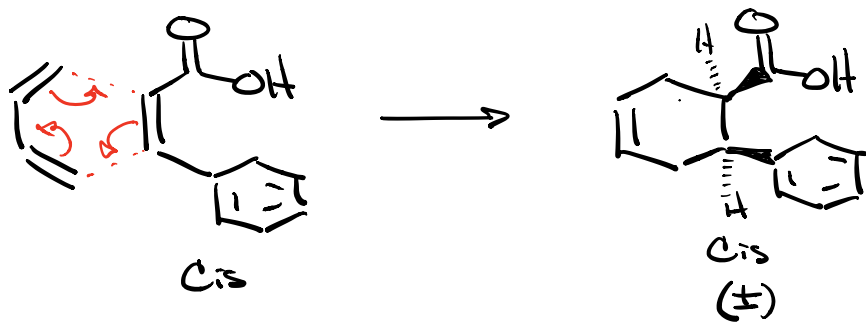
Diels-Alder Reaction



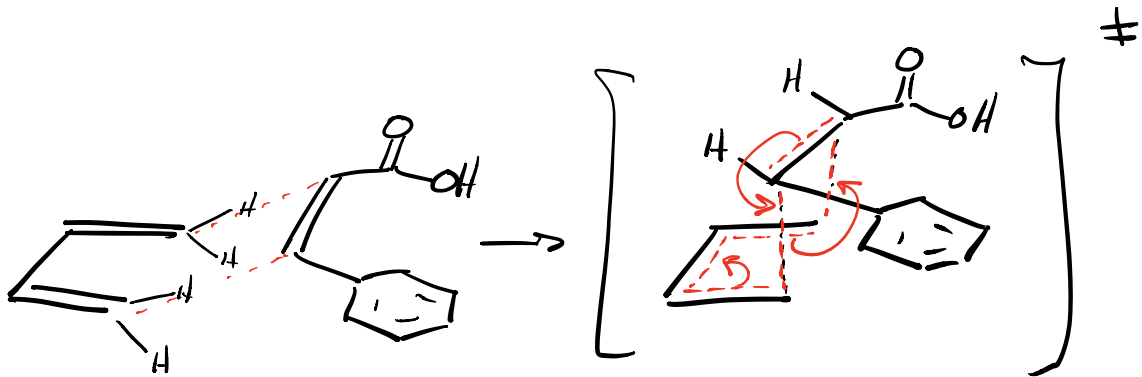
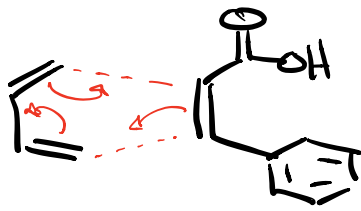


diene dienophile

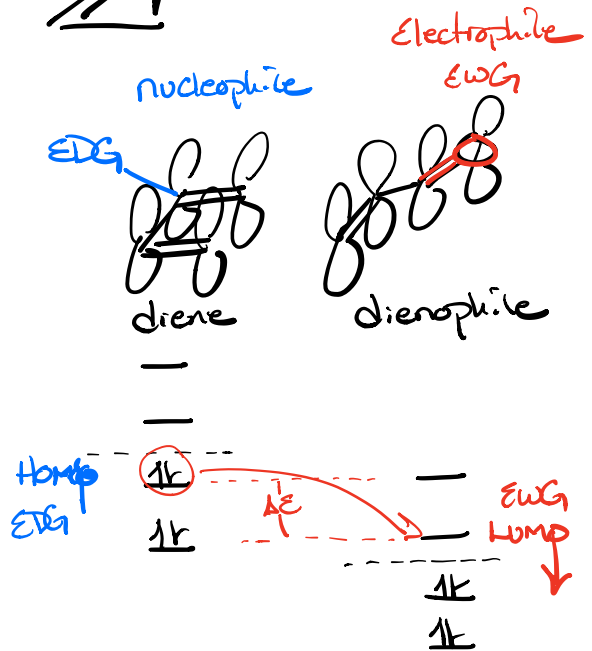
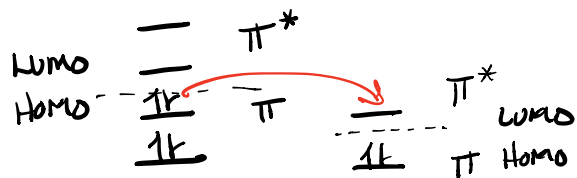
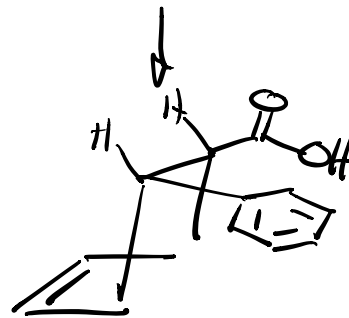
Stereospecificity \Rightarrow Stereospecific



Mechanism

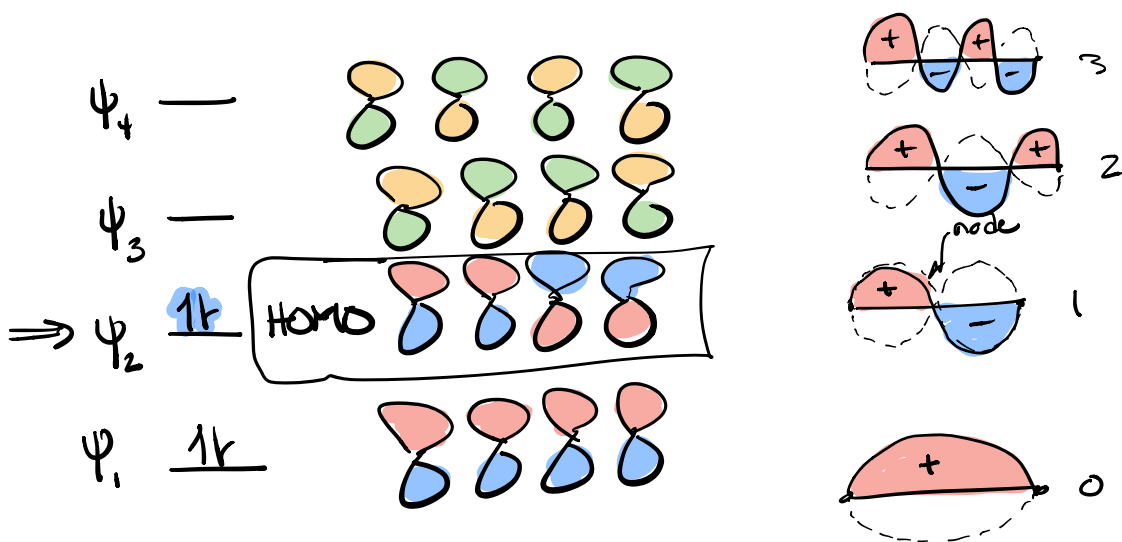
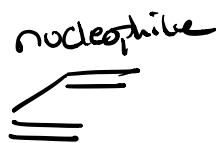
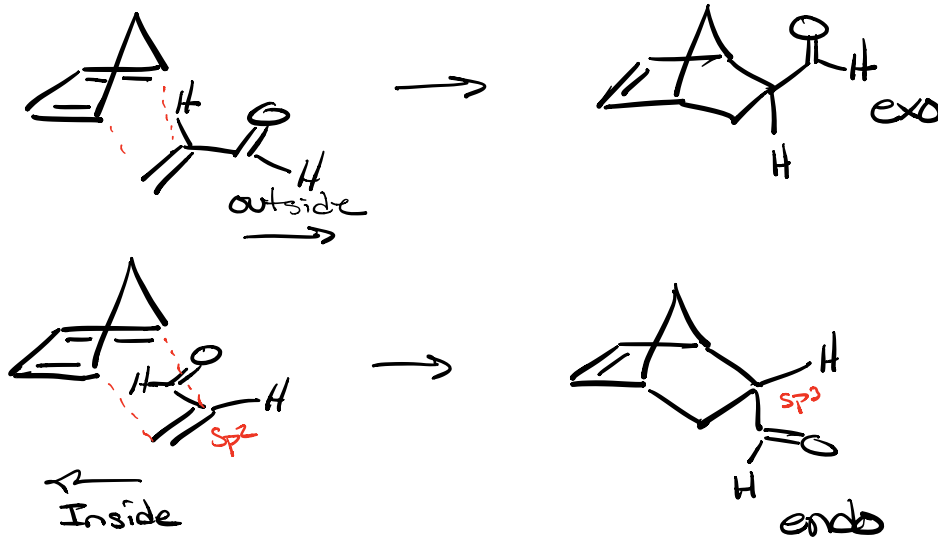


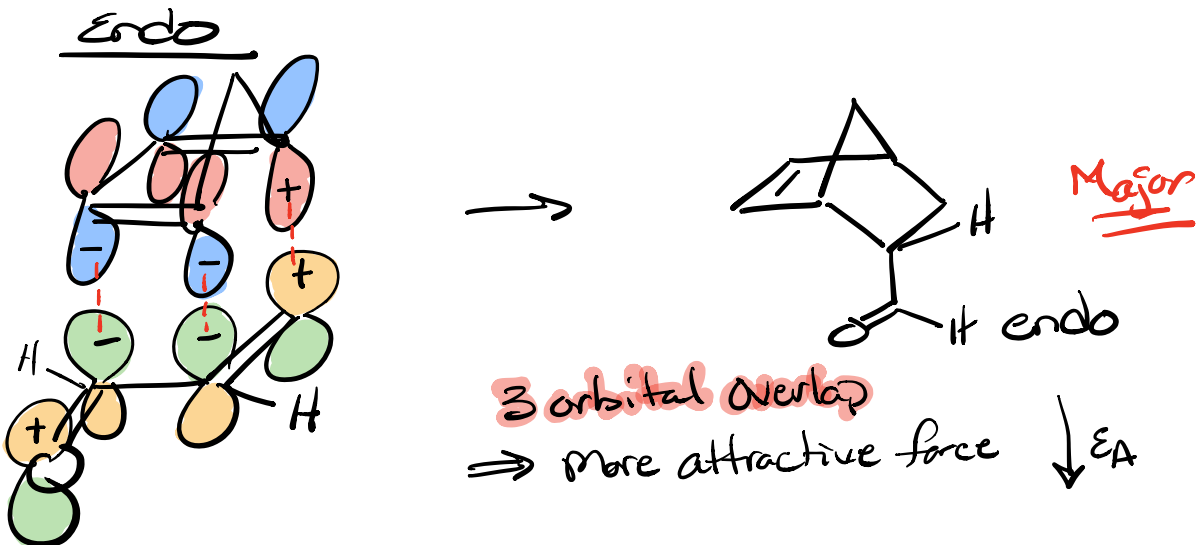
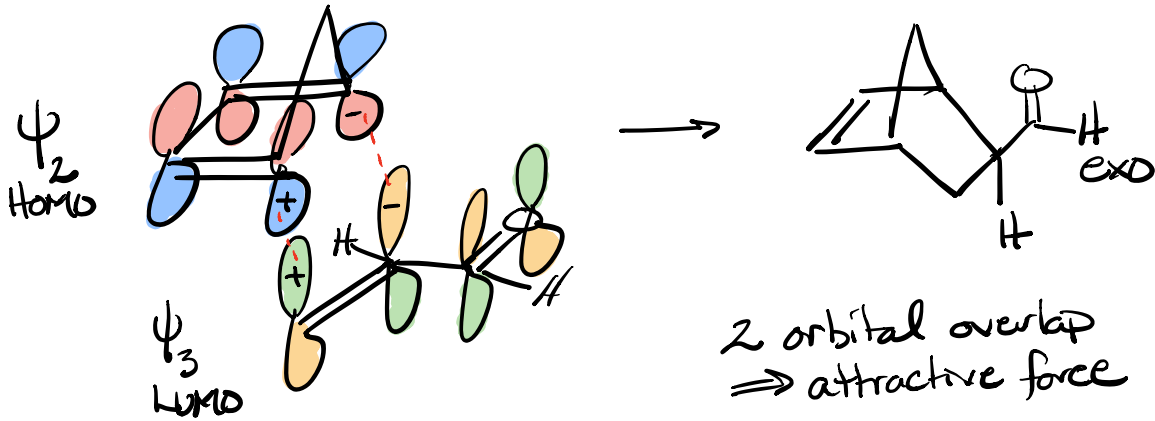
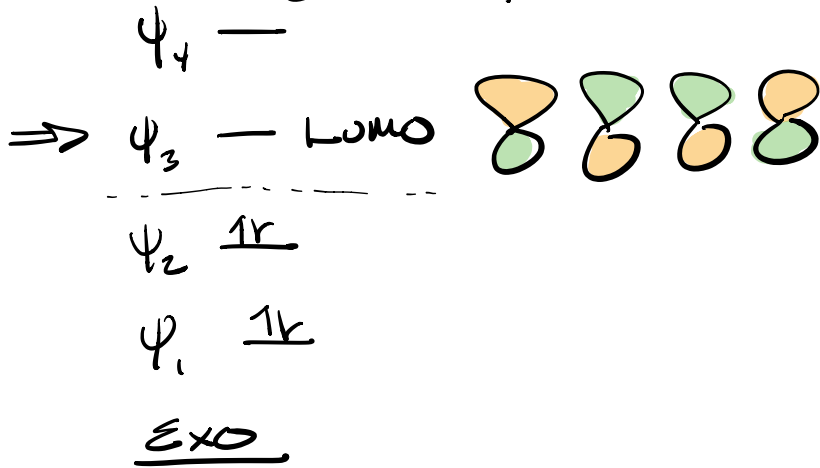
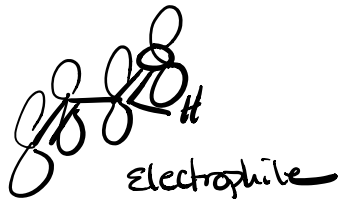
Concerted
 \Rightarrow no time for Rotation

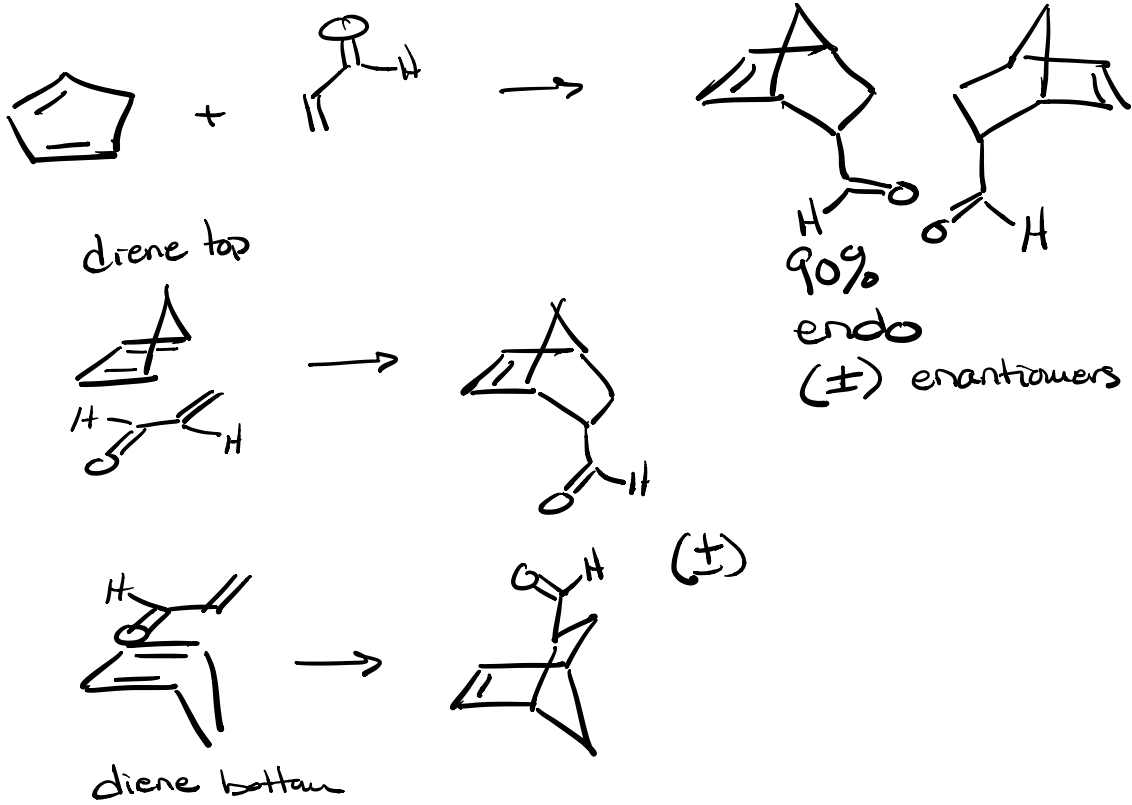
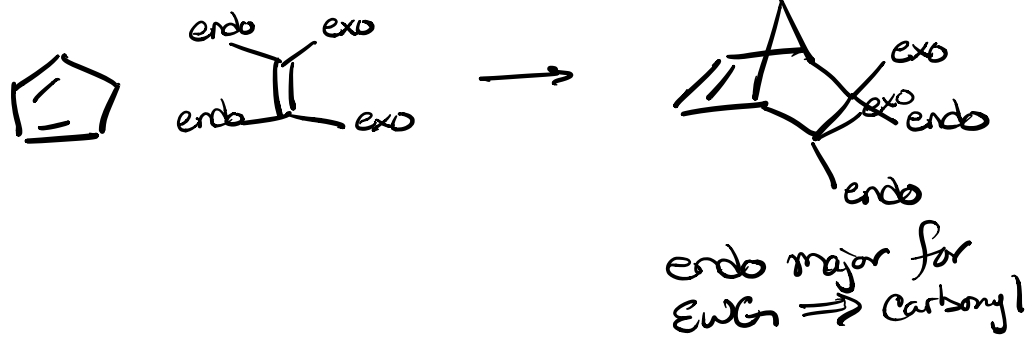




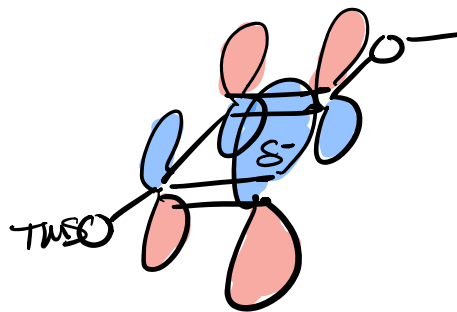
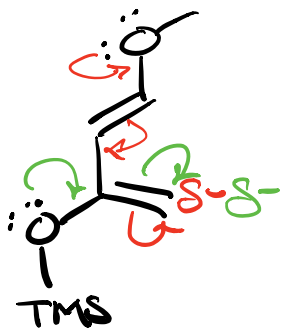
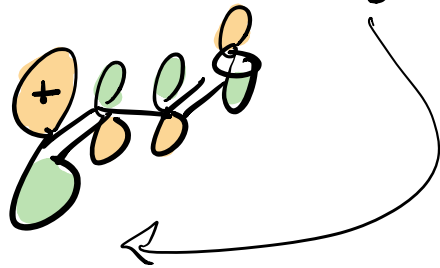
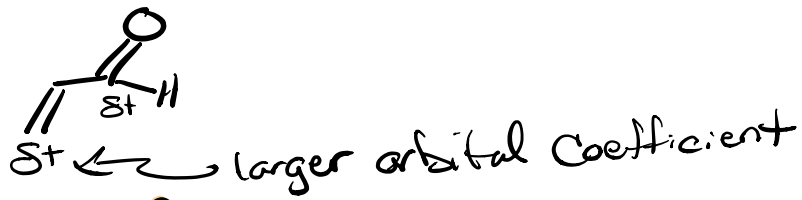
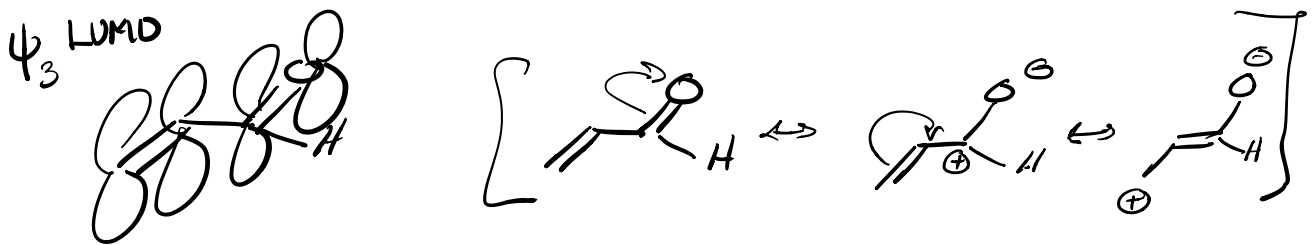
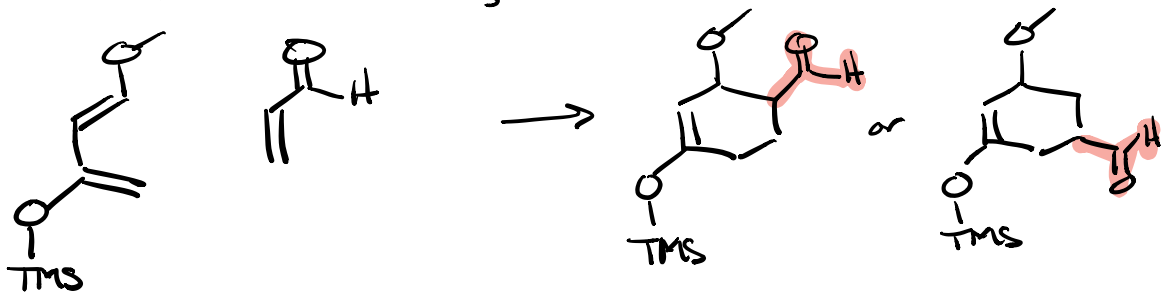
Which is major
Endo or Exo

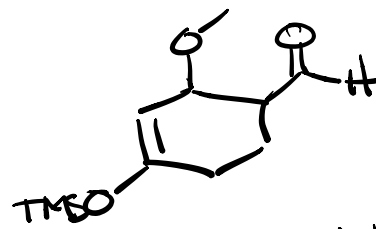
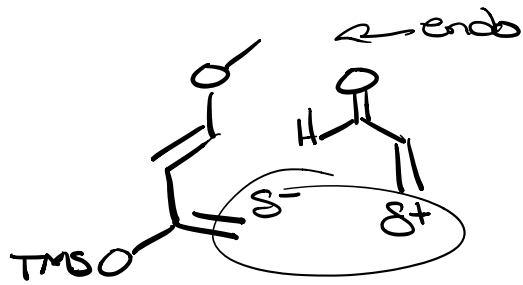




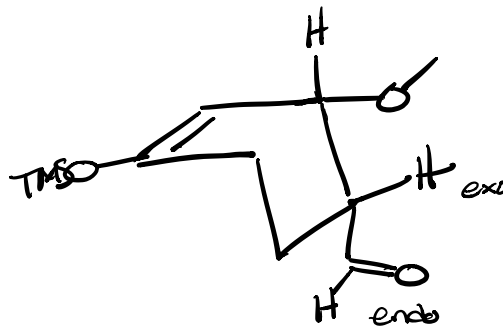
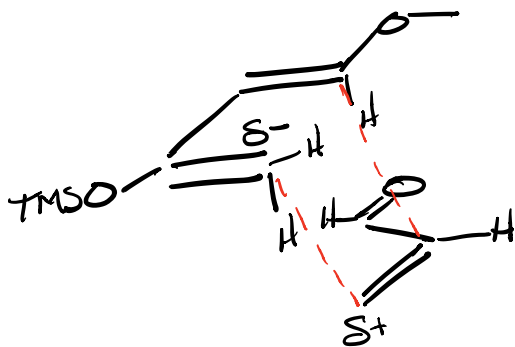


Regioselectivity

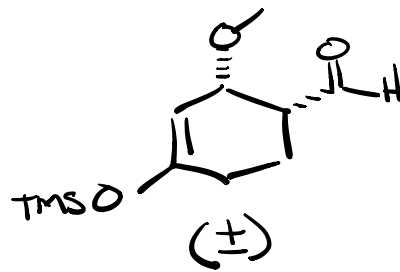




Now need to
do Stereo
Chem



|||



stereospecific
Regiospecific

