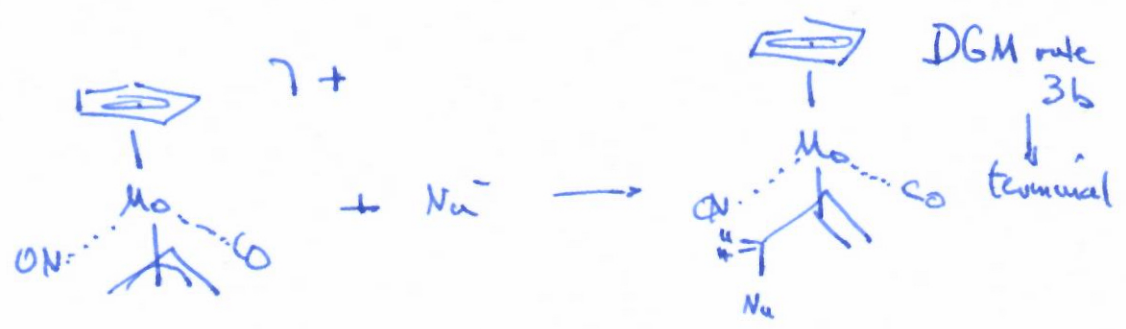


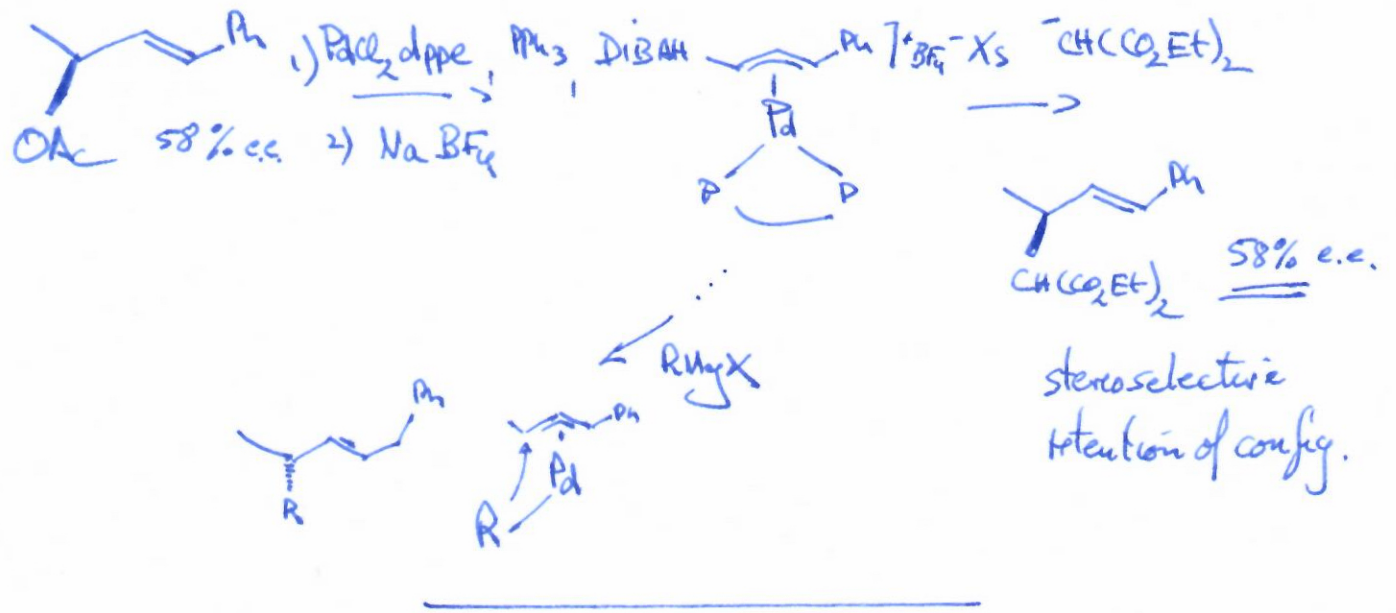


allyl complexes  
J. Falck (Yale)

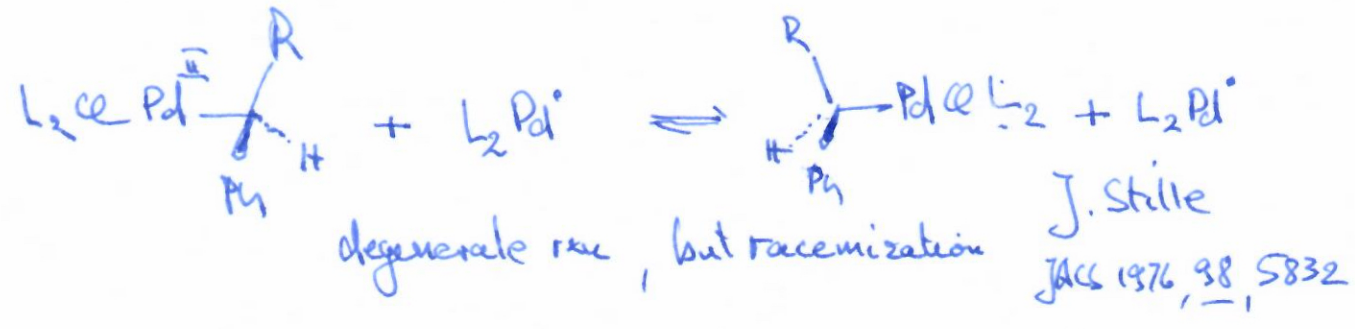


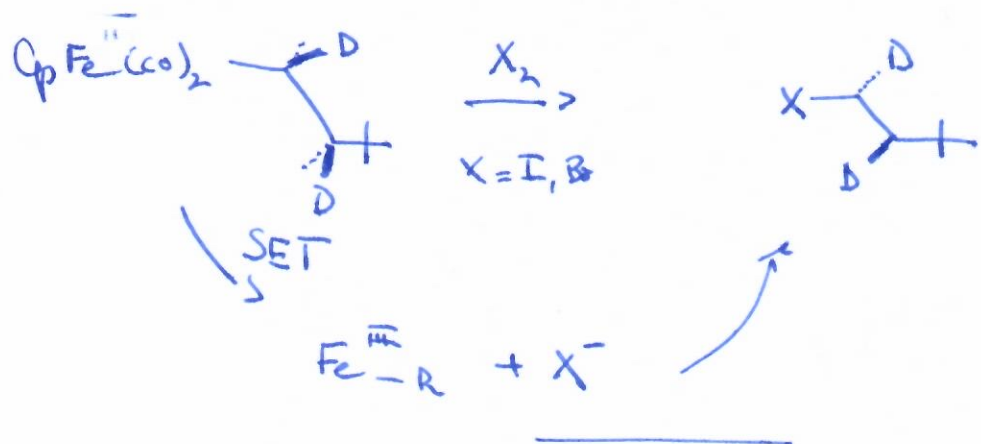
attack is regioselective - syn to NO!

Pd-chemistry

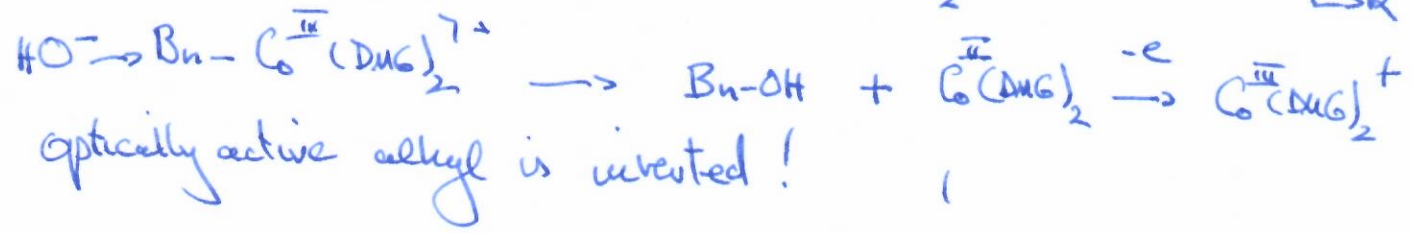
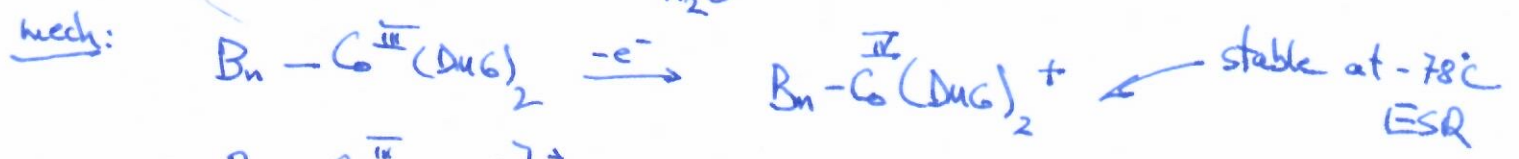
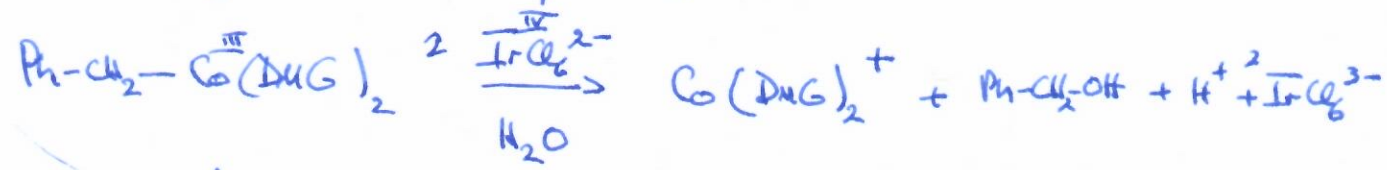


c) nucleophilic cleavage of M-C bonds  
S+ S- ?  
M-R + Nu- →

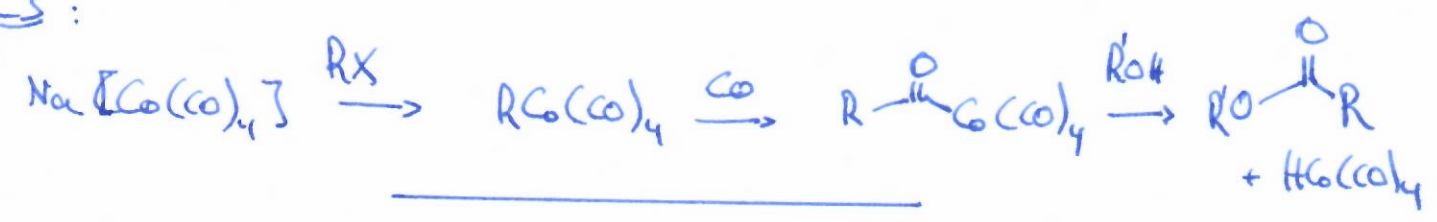




J. Kochi, Organometallic ... p 467 ff

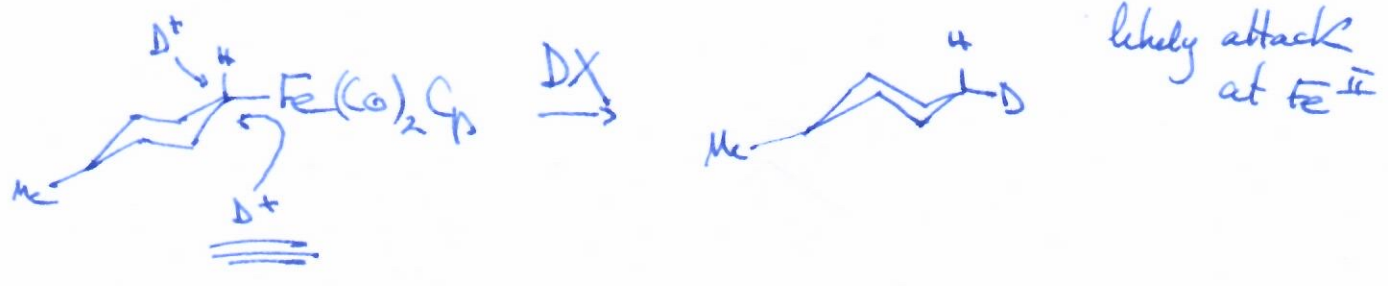


acyls:



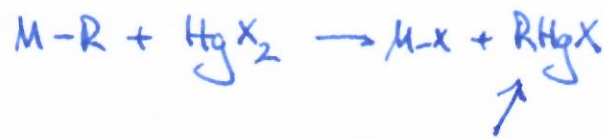
Electrophilic Attack

HOMO metal centered, but ligands are more accessible  
 $\text{H}^+$  as an electrophile



related to  $H^+$ ,  $HgX^+$  ( $6s^5 5d^{10}$ )

metal alkyls cleaved by  $HgX_2$



$R_2Hg$   
very toxic

M.C Baird JOC 1986, 307, C1

