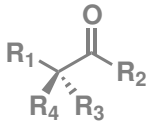
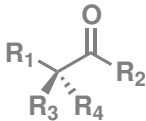
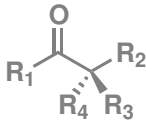
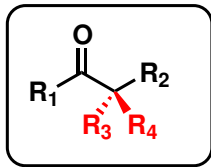


chiral catalyst

N_2



R = alkyl, vinyl, aryl