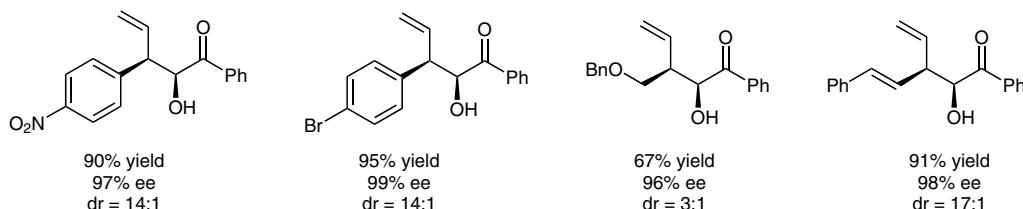
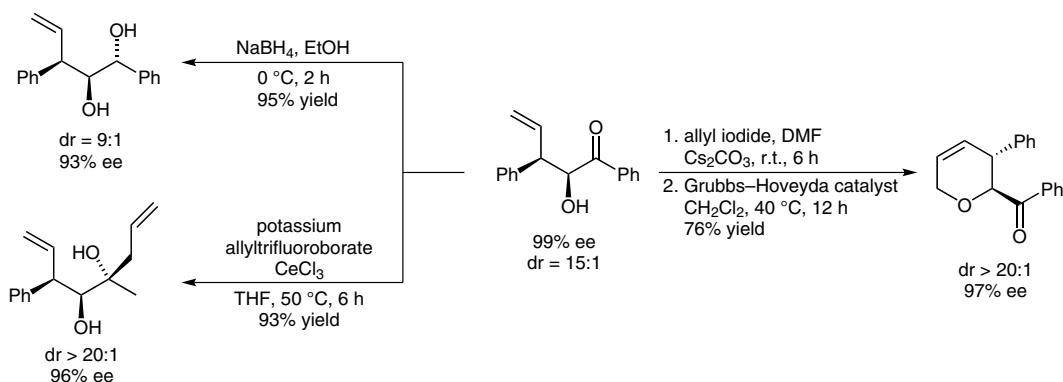


Selected examples:



Derivatization:



Significance: A dual metal-catalyzed asymmetric allylation of α -hydroxyketones is described. Chiral iridium and zinc complexes are employed for this transformation to furnish stereodefined α -hydroxyketones.

Comment: Multi-metal asymmetric catalysis is a newly emerging field in catalysis. Exploitation of the preferential binding affinity of chiral ligands to specific metal centers allows chemo- and stereo-selective formation of the desired products.