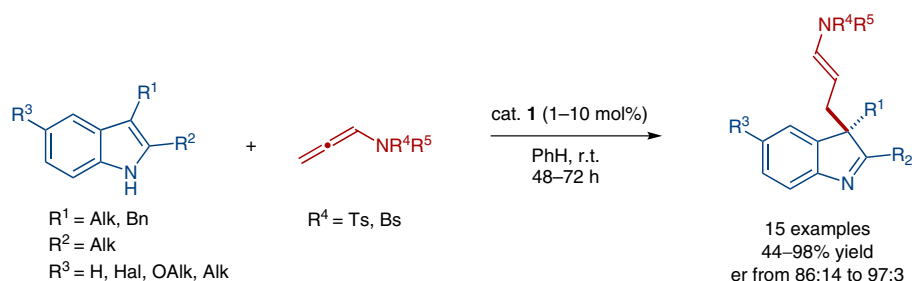
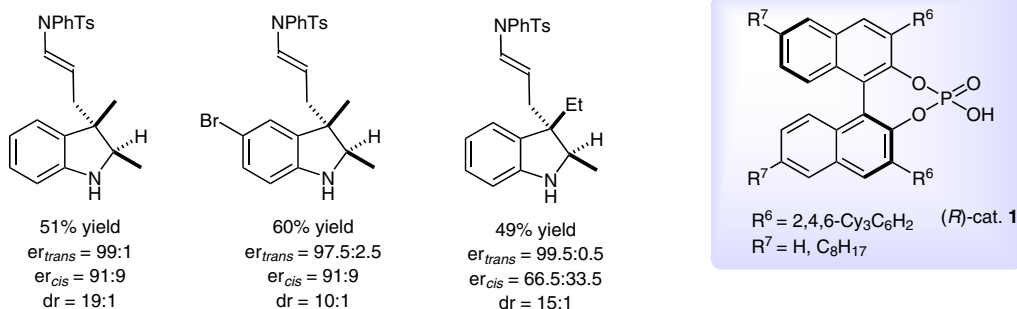


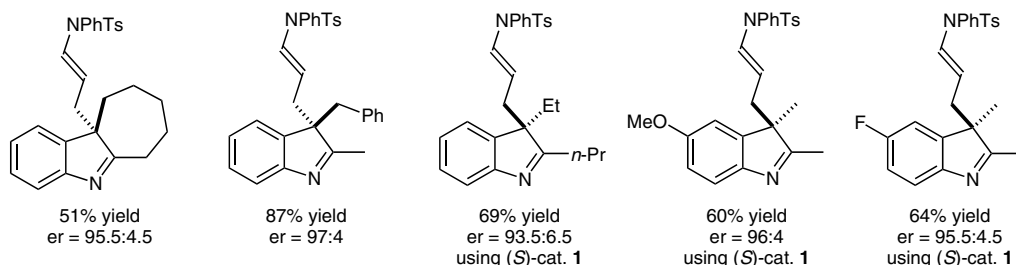
Enantioselective Dearomatization of Indoles



Selected examples of dearomatization–hydrogen transfer cascade:



Selected examples:



Significance: Bandini and co-workers report an enantioselective dearomatization of indoles. Using 1 to 10 mol% of chiral phosphoric acid catalyst **1**, the desired 3,3-disubstituted indolenines are obtained in moderate to high yields and good to excellent enantioselectivities.

Comment: The authors developed an enantioselective electrophilic activation of allenamides, generating enantioenriched dearomatized 3,3-disubstituted indolenines as products. Additionally, a dearomatization–hydrogen transfer cascade was conducted. Performing the reaction in the presence of molecular sieves and Hantzsch ester, the corresponding indolines are obtained in good yields and with high diastereo- and enantioselectivities.