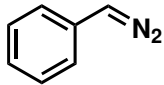
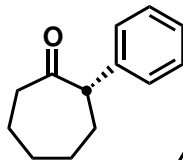


+



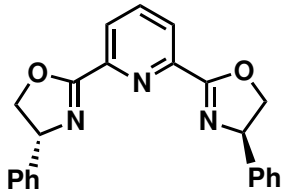
11 mol % ligand
10 mol % $\text{Sc}(\text{OTf})_3$

25 mol % THF
toluene, -78°C

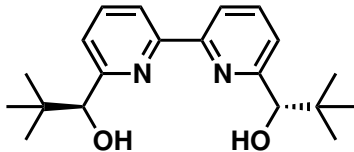


+

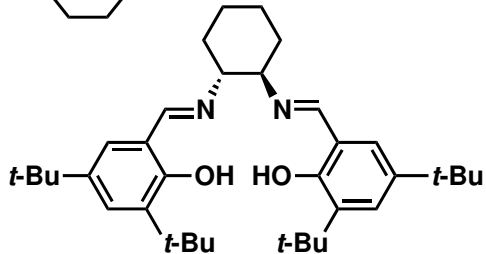
N_2



56:44 er (S)



racemic



52:48 er (S)