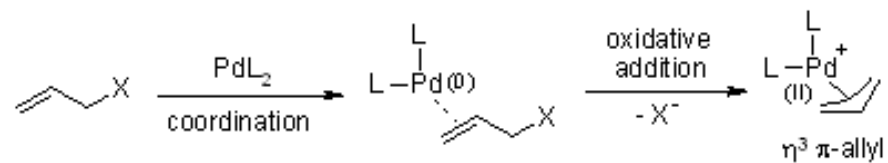
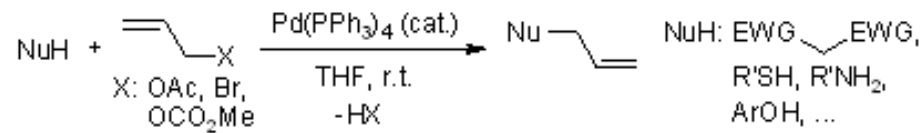
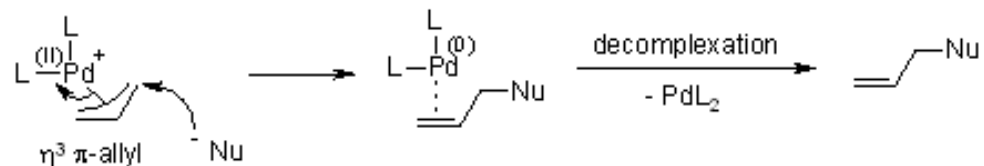


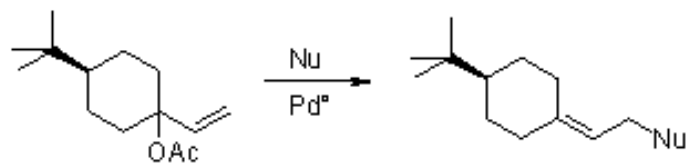
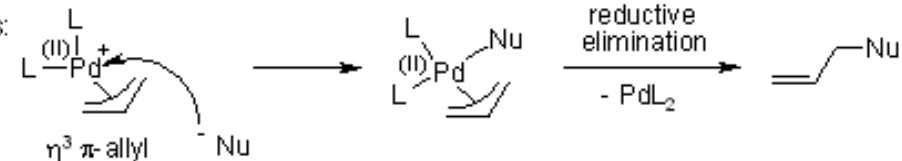
Tsuji-Trost Allylation



soft nucleophiles:

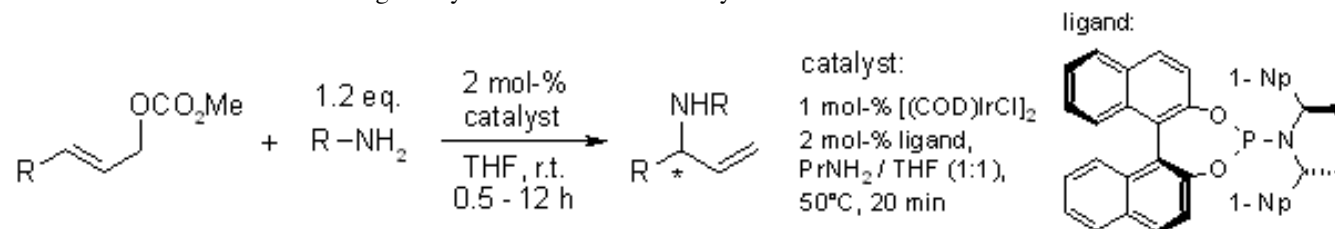


hard nucleophiles:

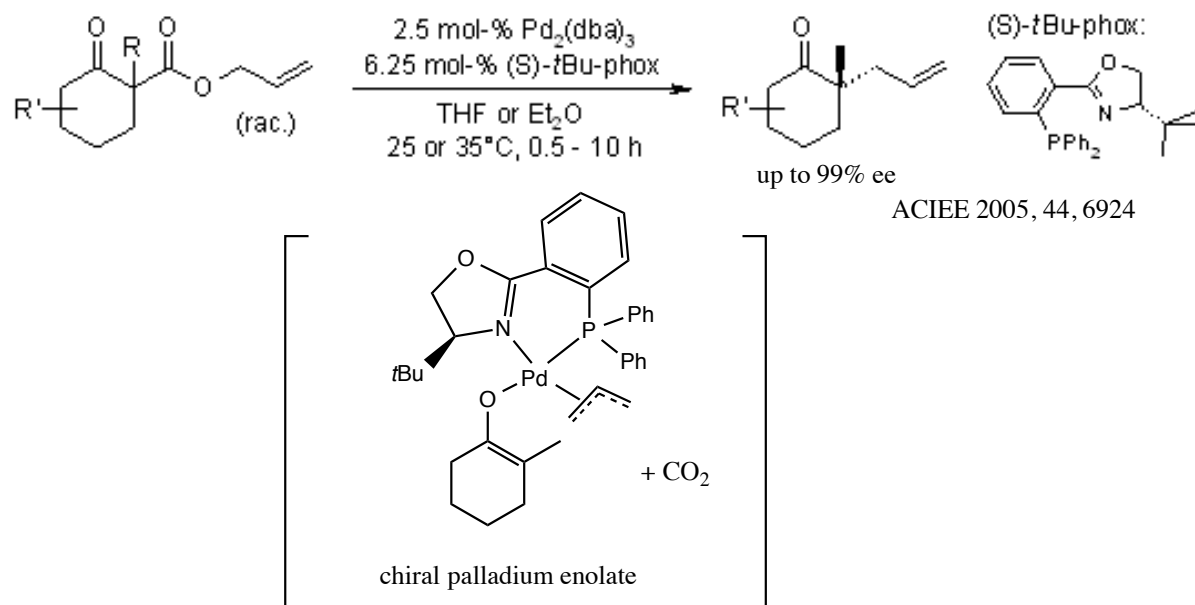


substitution at the least hindered allylic position is normal, but sterically unhindered nucleophiles may give more branched product

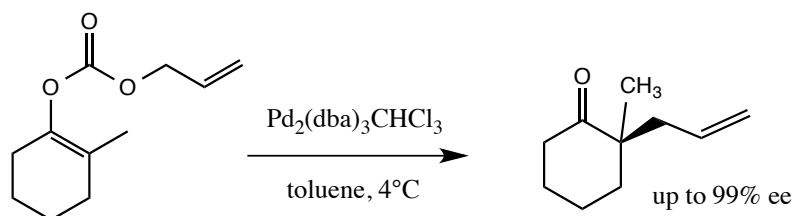
Branched isomers available through molybdenum or iridium catalysis:



Org Lett **2005**, 7, 1093.



Palladium catalyzed Decarboxylative Asymmetric Allylic Alkylation of Enol Carbonates
Formation of chiral quaternary centers



Trost, JACS 2009, 131, 18343

