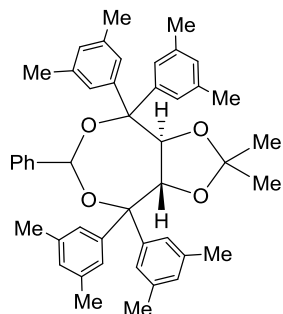
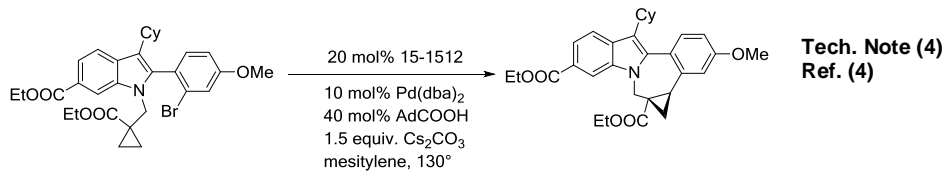
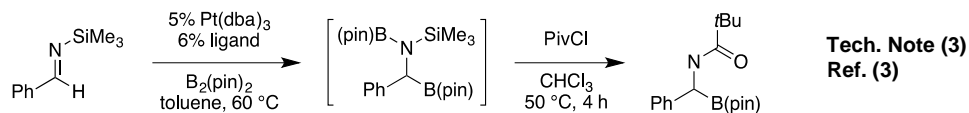
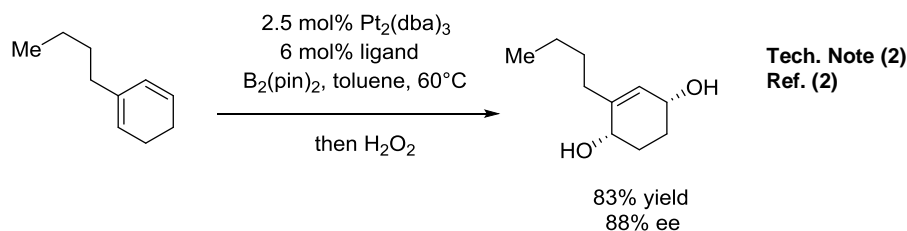
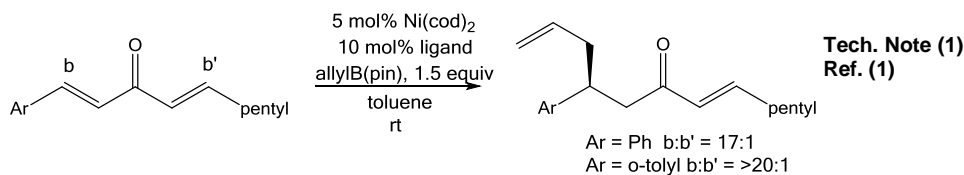


Catalog # 15-1512 (3aS,8aS)-(+)-4,4,8,8-Tetrakis(3,5-dimethylphenyl)tetrahydro-2,2-dimethyl-6-phenyl-1,3-dioxolo[4,5-e]dioxaphosphepin



Technical Notes:

1. Chiral ligand used in the nickel-catalyzed, enantioselective, conjugate allylation of activated enones.
2. Chiral ligand used in the platinum-catalyzed, asymmetric, 1,4-dihydroxylation of 1,3-dienes via catalytic enantioselective diboration.
3. Chiral ligand used in the platinum-catalyzed, asymmetric addition of $B_2(\text{pin})_2$ to *N*-silyl imines for the synthesis of α -amino boronates.
4. Asymmetric 1,4-dihydroxylation of 1,3-dienes by catalytic enantioselective diboration.



References:

1. *J. Am. Chem. Soc.*, **2008**, *130*, 4978.
2. *J. Am. Chem. Soc.*, **2009**, *131*, 9134.
3. *J. Am. Chem. Soc.*, **2013**, *135*, 9252.
4. *Chem. Sci.*, **2015**, *6*, 5164.