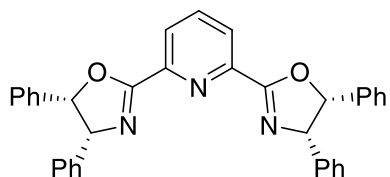
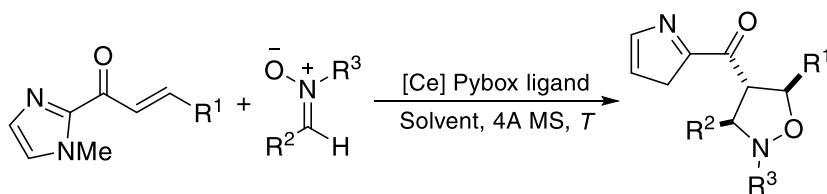


Catalog # 07-1413 2,6-Bis[(4R,5S)-4,5-dihydro-4,5-diphenyl-2-oxazolyl] Pyridine

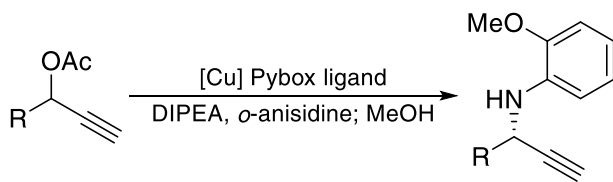


Technical Notes

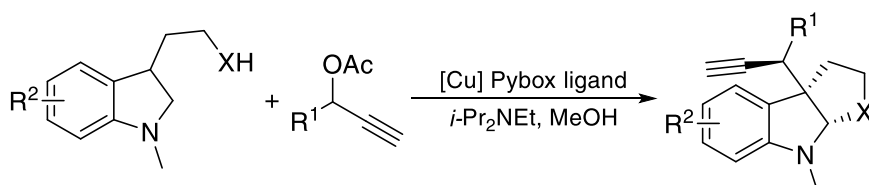
1. Pybox ligand used in Ce-catalyzed enantioselective nitron cycloadditions of α,β -unsaturated 2-acyl imidazoles.
2. Ligand for the enantioselective Cu-catalyzed propargylic amination.
3. Ligand for the Cu-catalyzed intermolecular asymmetric propargylic dearomatization of indoles.
4. Ligand for the Pd-catalyzed asymmetric aminohydroxylation of 1,3-dienes.
5. Used in the synthesis of N-alkylated 4-pyridones by Cu-catalyzed intermolecular asymmetric propargylic amination.
6. Ligand for the Cu-catalyzed asymmetric propargylation of indolizines.
7. Ligand for the metal catalyzed asymmetric diastereodivergent Michael addition of 2-chloromalonate esters to conjugated imines.



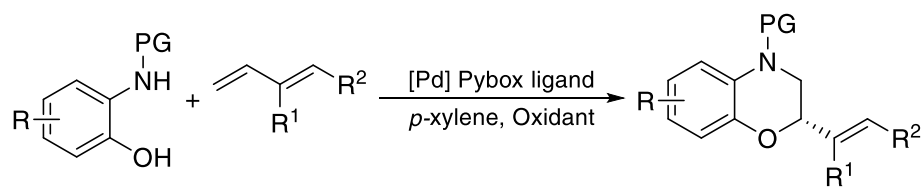
Tech. Note (1); Ref. (1)



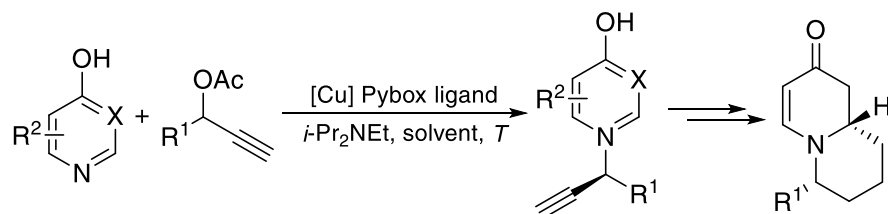
Tech. Note (2); Ref. (2, 3)



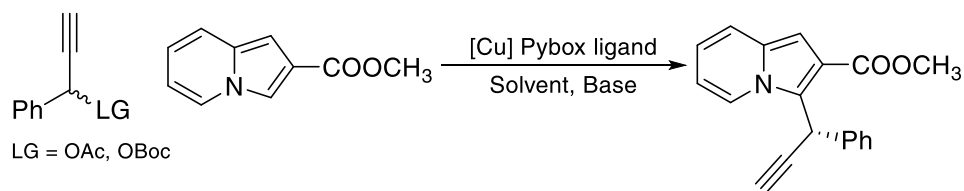
Tech. Note (3); Ref. (4)



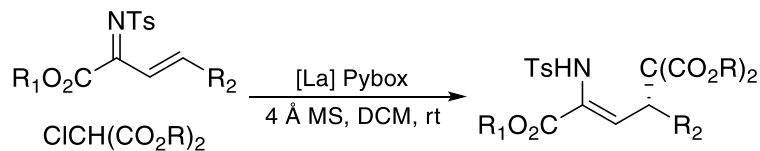
Tech. Note (4); Ref. (5)



Tech. Note (5); Ref. (6)



Tech. Note (6); Ref. (7)



Tech. Note (7); Ref. (8)

References:

1. *Org. Lett.* **2006**, *8*, 3351
2. *Angew. Chem. Int. Ed.* **2008**, *47*, 3777
3. *Chem. Eur. J.* **2011**, *17*, 5921
4. *Angew. Chem. Int. Ed.* **2015**, *54*, 7684
5. *Angew. Chem. Int. Ed.* **2018**, *57*, 2372
6. *Chem. Asian J.* **2018**, *13*, 1103
7. *Org. Lett.* **2019**, *21*, 8553
8. *Org. Chem. Front.*, **2019**, *6*, 2907