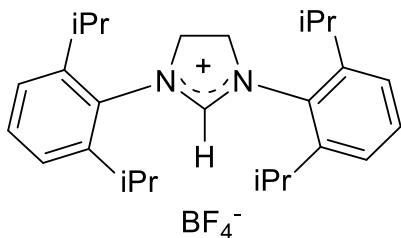
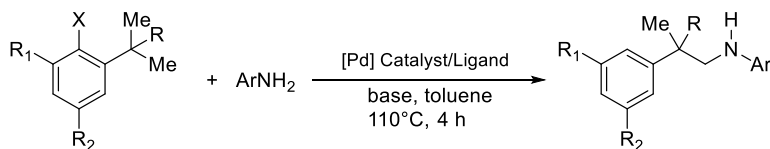


Catalog # 07-0587 1,3-Bis(2,6-di-*i*-propylphenyl)-4,5-dihydroimidazolium tetrafluoroborate, min. 95%



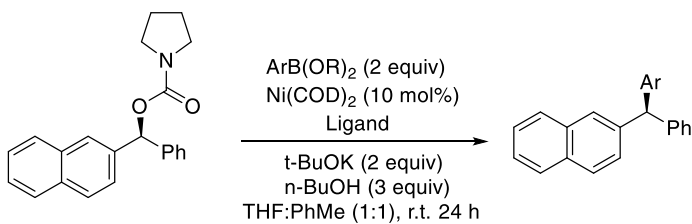
Technical Notes:

1. Ligand used for the Pd-catalyzed intermolecular amination of C(sp³)-H bonds.
2. Ligand used for the stereospecific, Ni-catalyzed cross-coupling of benzylic carbamates with arylboronic esters.
3. Ligand used for the Cu(I)-catalyzed silylation of allenes.
4. Ligand used for the Fe-catalyzed cross-coupling of arylmagnesium reagents with aryl chlorides and tosylates.
5. Ligand used for the Pd-catalyzed allylic alkylation of gem-alkyl, aryl-disubstituted allyl reagents with ketones.
6. Stable, well defined Ni(0) catalysts for catalytic C-C and C-N bond formation.

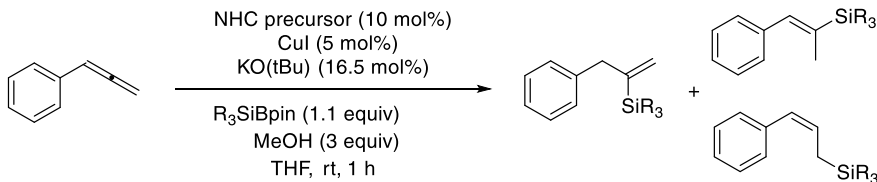


X = Br, OTf

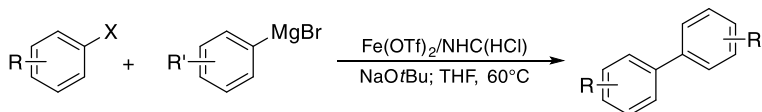
Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)

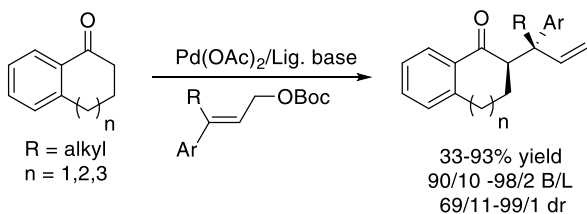


Tech Note (3)
Ref. (3)

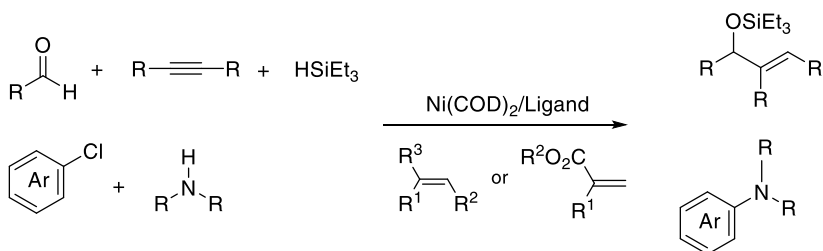


X = Cl or OTs

Tech Note (4)
Ref. (4)



Tech Note (5)
Ref. (5)



References:

1. *Angew, Chem. Int. Ed.*, **2011**, 50, 8647.
2. *J. Am. Chem. Soc.*, **2013**, 135, 3303.
3. *Chem. Eur. J.*, **2014**, 20, 13143.
4. *Organometallics*, **2017**, 36, 2293.
5. *ACS Catal.*, **2018**, 8, 3317.
6. *ACS Catal.*, **2018**, 8, 6606.