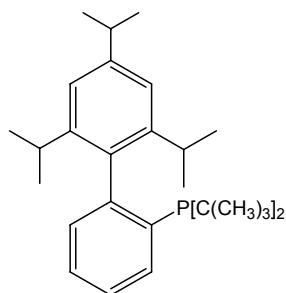
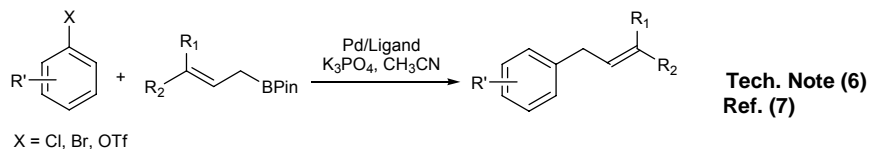
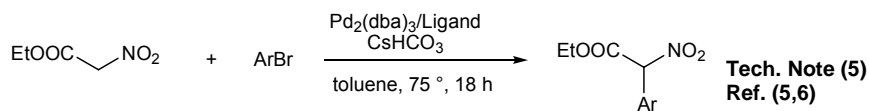
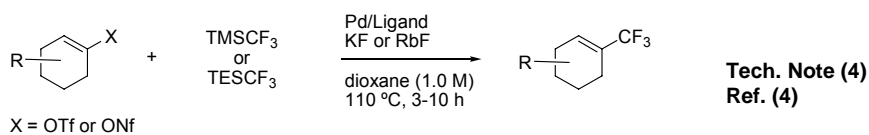
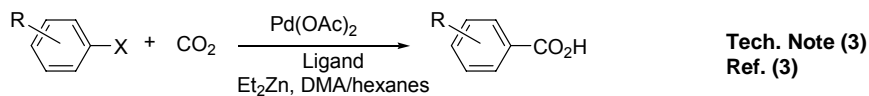
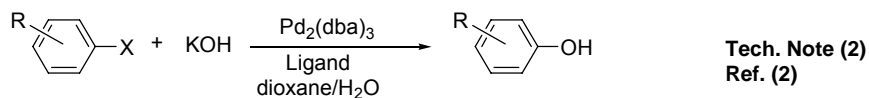
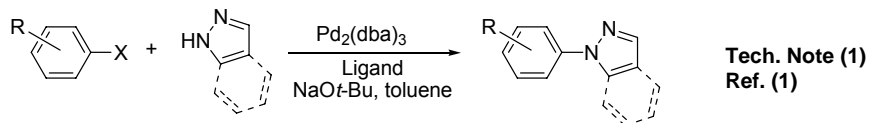


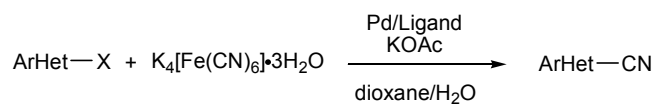
Catalog # 15-1052 2-Di-*t*-butylphosphino-2',4',6'-tri-*i*-propyl-1,1'-biphenyl, min. 98% *t*-BuXPhos

Note: Buchwald Biaryl Phosphine Ligand Kit component. Patents US 6,395,916, US 6,307,087.

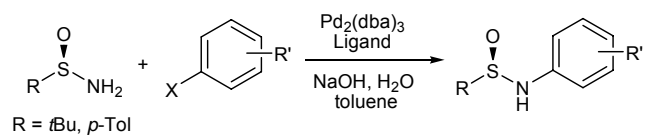
Technical Notes:

1. Effective ligand for the Pd-catalyzed arylation of pyrazoles, indazoles and amino heterocycles.
2. Ligand used in the Pd-catalyzed synthesis of phenols from aryl halides and KOH.
3. Ligand used in the Pd-catalyzed synthesis of benzoic acids from aryl halides and CO₂.
4. Ligand used in the Pd-catalyzed trifluoromethylation of vinyl sulfonates.
5. Ligand used in the Pd-catalyzed arylation of nitroacetates.
6. Ligand used in the Pd-catalyzed Suzuki-Miyaura cross-coupling of allylboronates and aryl halides.
7. Ligand used in the Pd-catalyzed cyanation of (hetero)arylchlorides and bromides.
8. Ligand used in the Pd-catalyzed C–N cross coupling of sulfinamides and aryl halides.
9. Ligand used in the Pd-catalyzed arylation of cyanamides.

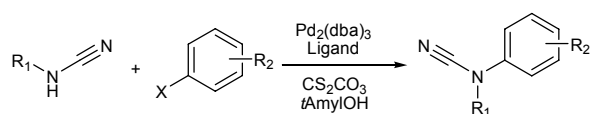




Tech. Note (7)
Ref. (8)



Tech. Note (8)
Ref. (9)



Tech. Note (9)
Ref. (10)

References:

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