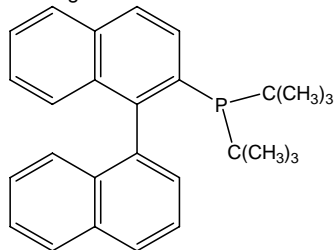


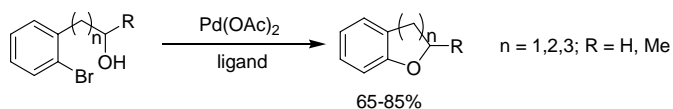
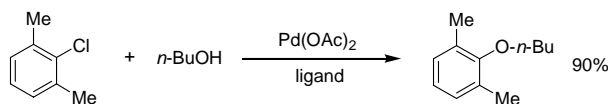
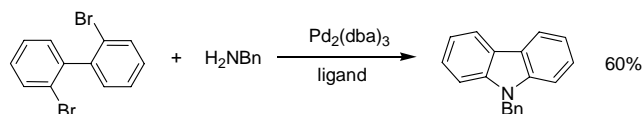
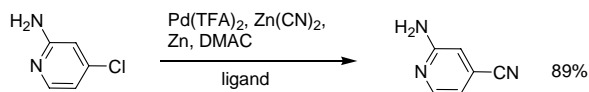
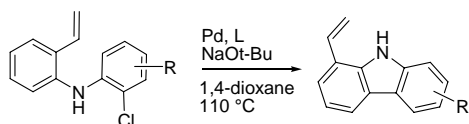
Catalog # 15-1043 racemic-2-Di-t-butylphosphino-1,1'-binaphthyl, 98% TrixiePhos



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

Technical Notes:

1. Ligand for the Pd-catalyzed formation of oxygen heterocycles.
2. Ligand for the intermolecular Pd-catalyzed synthesis of aryl ethers.
3. Ligand for the intramolecular Pd-catalyzed synthesis of aryl ethers.
4. Ligand for the synthesis of carbazoles by Pd-catalyzed double N-arylation reaction.
5. Ligand for the Pd-catalyzed cyanation of (hetero)arylchlorides.
6. Ligand for the Pd-catalyzed intramolecular synthesis of carbazoles via C-H functionalization.

Tech. Note (1)
Ref. (1)Tech. Note (2,3)
Ref. (2,3)Tech. Note (4)
Ref. (4)Tech. Note (5)
Ref. (5)Tech. Note (6)
Ref. (6)

References:

1. *J. Am. Chem. Soc.*, **2000**, 122, 12907.
2. *J. Am. Chem. Soc.*, **2001**, 123, 10770.
3. *J. Am. Chem. Soc.*, **2001**, 123, 12202.
4. *Tetrahedron*, **2006**, 62, 6792.
5. *Org. Lett.*, **2007**, 9, 1711.
6. *J. Am. Chem. Soc.*, **2010**, 132, 14048.
7. *Chem. Sci.*, **2011**, 2, 27-50.