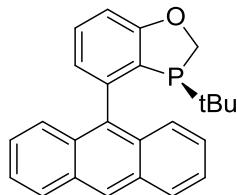


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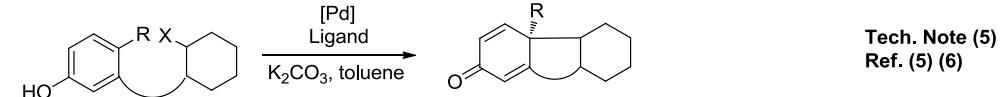
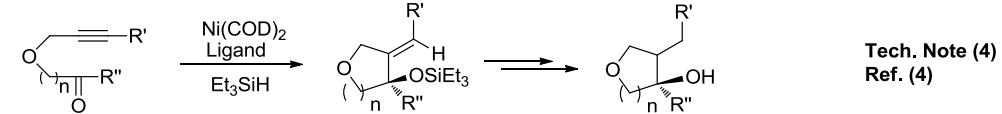
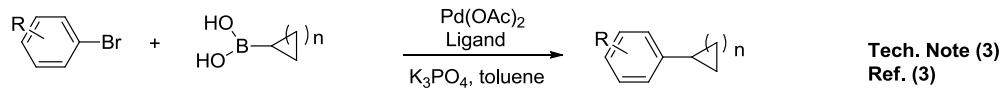
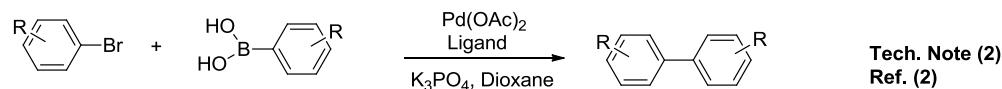
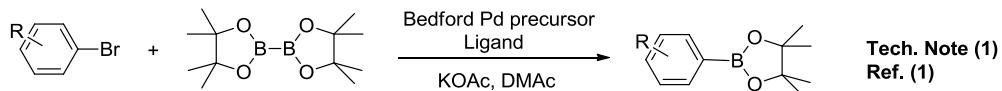
Catalog # 15-1967

(S)-4-(Anthracen-9-yl)-3-(t-butyl-2,3-dihydrobenzo[d][1,3]oxaphosphole, 98+% (>99% ee)
[(S)-AntPhos]



Technical Notes:

1. Ligand/palladium catalyst for general Miyaura borylation reactions.
2. Ligand/palladium catalyst for general and sterically demanding Suzuki-Miyaura cross-coupling reactions.
3. Ligand/palladium catalyst for aryl-alkyl Suzuki-Miyaura cross-coupling reactions.
4. Ligand/nickel catalyst for intramolecular reductive cyclization¹
5. Ligand/palladium catalyst for Dearomative cyclization²



References:

1. *Org. Lett.*, **2011**, 13, 1366.
2. *Chem. Eur. J.*, **2013**, 19, 2261.
3. *Org. Chem. Front.*, **2014**, 1, 225.
4. *Angew. Chem. Int. Ed.*, **2015**, 54, 2520.
5. *Angew. Chem. Int. Ed.*, **2015**, 54, 3033.
6. *Tetrahedron*, **2016**, 72, 1782.