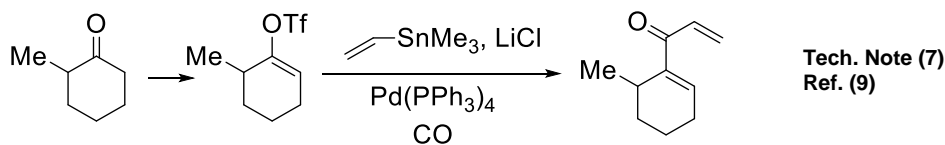
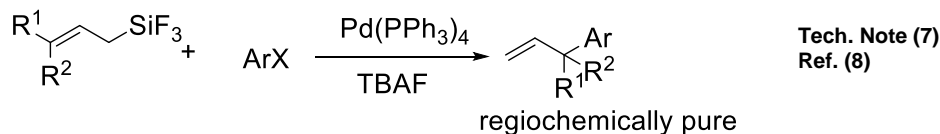
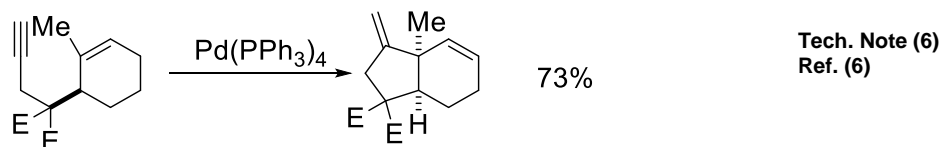
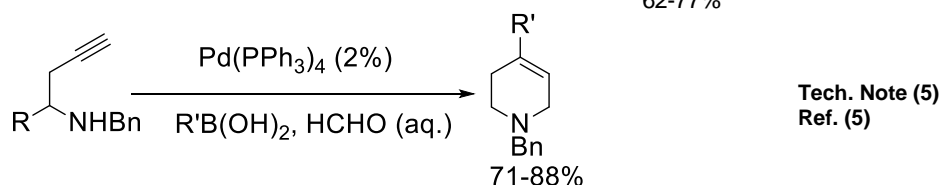
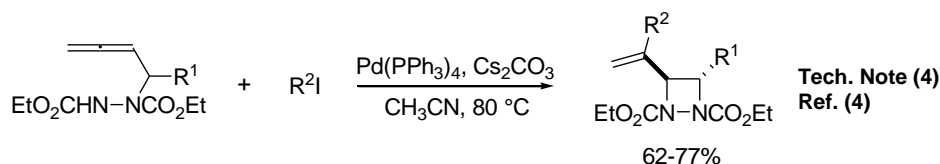
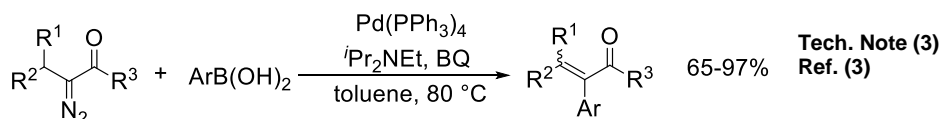
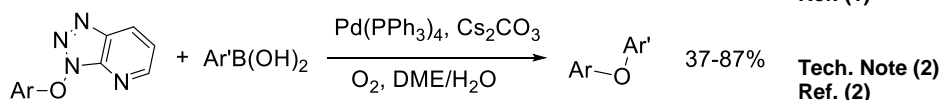
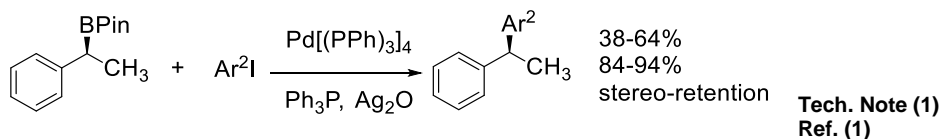


Catalog # 46-2150 Tetrakis(triphenylphosphine)palladium (0) (99.9+%-Pd)

Note: Palladium Kit component.

Technical Notes:

1. Catalyst for Suzuki coupling of chiral secondary organoboronic esters.
2. Palladium-catalyzed S_NAr reactions for the synthesis of heteroaryl ethers.
3. Catalyst for cross-coupling of α-diazocarbonyl compounds with arylboronic acids.
4. Diastereoselective synthesis of trans-1,2-diazetidines.
5. Palladium-catalyzed alkynyl iminium ion cyclization.
6. Widely used reagent in a variety of transformations including Heck arylation, enyne and diyne cycloisomerization.
7. Catalysts for cross-coupling.



References:

1. *J. Am. Chem. Soc.*, **2009**, 131, 5024.
2. *J. Am. Chem. Soc.*, **2009**, 131, 4174.
3. *J. Am. Chem. Soc.*, **2008**, 130, 1566.
4. *Angew. Chem. Int. Ed.*, **2008**, 47, 4581.
5. *Angew. Chem. Int. Ed.*, **2008**, 47, 4851.
6. *Acc. Chem. Res.*, **1990**, 23, 34.
7. *Angew. Chem. Int. Ed.*, **1995**, 34, 1721.
8. *Pure Appl. Chem.*, **1994**, 66, 1471.
9. *J. Am. Chem. Soc.*, **1984**, 106, 7500.
10. *Encyclopedia of Reagents for Organic Synthesis*, **1995**, Vol. 7, 4788.
11. *Comprehensive Organic Synthesis*, **1991**, Vol. 3, Chapter 2.4, 521.
12. *Palladium Reagents in Organic Synthesis*, **1995**, Chapter 6.
13. *Handbook of Organopalladium Chemistry for Organic Synthesis*, 1st Ed., John Wiley & Sons, **2002**. (review)