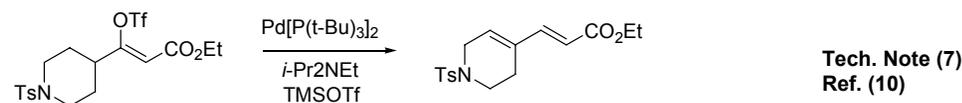
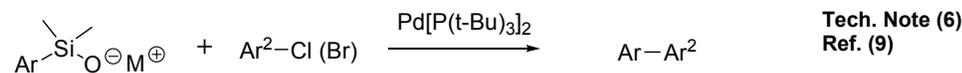
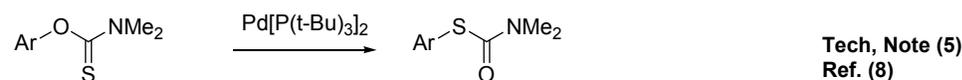
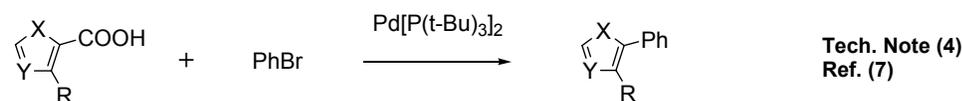
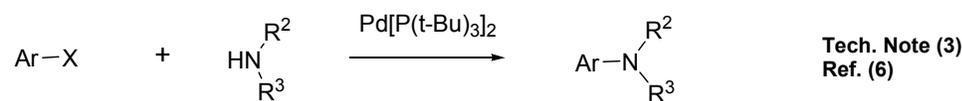
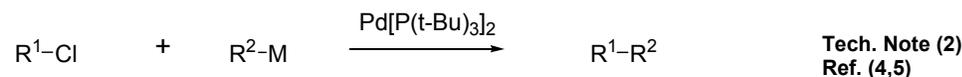
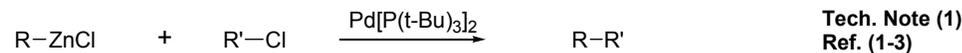


Catalog # 46-0252 Bis(tri-*t*-butylphosphine)palladium (0), 98%

Technical Notes:

1. Introduced as an easier to handle Pd/P(*t*-Bu)<sub>3</sub>-based catalyst for the Negishi cross-coupling of aryl/vinyl chlorides.
2. A versatile catalyst for the cross-coupling of aryl and vinyl chlorides.
3. Catalyst for the amination of aryl chlorides and bromides using aqueous hydroxide bases.
4. Useful catalyst for the cross-coupling of heteroaromatic carboxylic acids.
5. Pd-catalyzed Newnan-Kwart rearrangement of O-aryl thiocarbamates.
6. Cross-coupling of silanolates and halides.
7. Elimination/isomerization of enol triflates derived from β-ketoesters.



References:

1. *J. Am. Chem. Soc.*, **2001**, 123, 2719.
2. *Handbook of Palladium Catalyzed Organic Reactions*, **1997**.
3. *Palladium Reagents and Catalysis*, **1995** (Tsuji).
4. *J. Am. Chem. Soc.*, **2002**, 124, 6343.
5. *J. Am. Chem. Soc.*, **2001**, 123, 2719.
6. *J. Org. Chem.*, **2002**, 67, 6479.
7. *J. Am. Chem. Soc.*, **2006**, 128, 11350.
8. *Angew. Chem. Int. Ed.*, **2009**, 48, 7612.
9. *J. Am. Chem. Soc.*, **2009**, 131, 3104.
10. *Angew. Chem. Int. Ed.*, **2011**, 50, 6128.