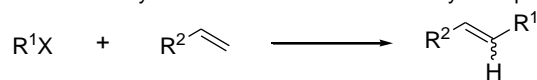


Catalog # 46-1780 Palladium(II) acetate, min. 98% (99.9+%-Pd)

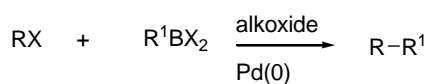
Note: Palladium Kit component.

Technical Notes:

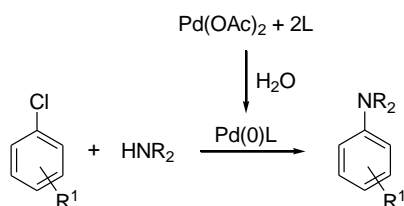
1. Efficient catalyst for the arylation of olefins (Heck reaction).
2. Catalyst for cross-coupling reactions.
3. Catalyst for C-H activation.
4. Precatalyst for enantioselective decarboxylative protonation of allyl  $\beta$ -ketoesters.



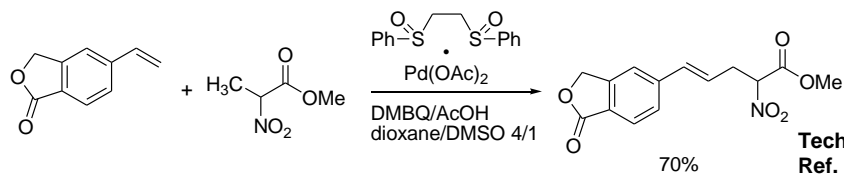
**Tech. Note (1)**  
**Ref. (1)**



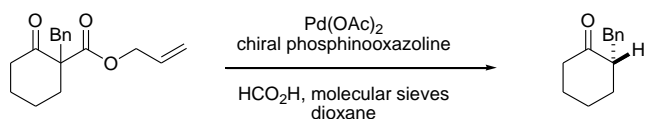
**Tech. Note (2)**  
**Ref. (2,3)**



**Tech. Note (2)**  
**Ref. (2,3)**



**Tech. Note (3)**  
**Ref. (2,3)**



**Tech. Note (4)**  
**Ref. (10)**

91% yield, 92% ee

References:

1. *Angew. Chem. Int. Ed.*, **1994**, 33, 2379.
2. *Acta. Chem. Scand.*, **1993**, 47, 221.
3. *J. Org. Chem.*, **1994**, 59, 5034.
4. *Palladium Reagents in Organic Synthesis (R.F. Heck)*, **1985**, Chapter 6.
5. *Comprehensive Organic Synthesis*, **1991**, Vol. 3, Chapter 2.
6. *Encyclopedia of Reagents for Organic Synthesis*, **1995**, Vol. 6, 3847.
7. *Handbook of Organopalladium Chemistry for Organic Synthesis*, Negishi, E., Ed., Wiley-Interscience, New York, **2002**.
8. *Org. Lett.*, **2008**, 10, 3505.
9. *J. Am. Chem. Soc.*, **2008**, 130, 14090.
10. *J. Am. Chem. Soc.*, **2006**, 128, 11348.