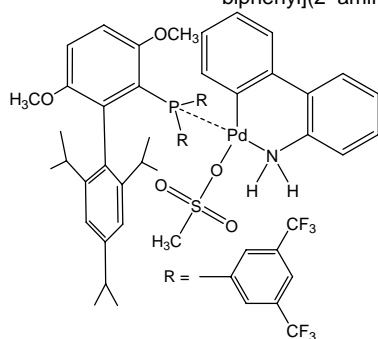


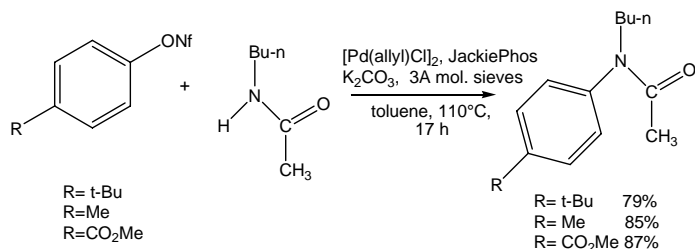
Catalog # 46-0340 Methanesulfonato[2-bis(3,5-di(trifluoromethyl)phenyl)phosphino]-3,6-dimethoxy-2',4',6'-tri-*i*-propyl-1,1'-biphenyl](2'-amino-1,1'-biphenyl-2-yl)palladium(II), min. 98% [JackiePhos Palladacycle]



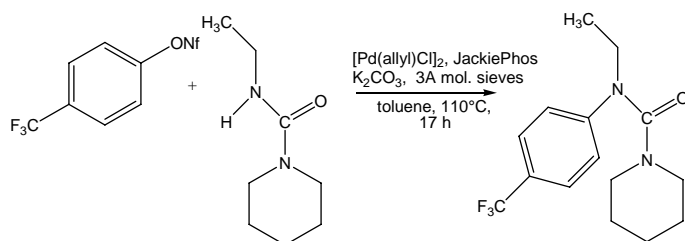
Note: Patents: PCT/US2013/030779, US Serial No. 13/799620. Buchwald Palladacycle Precatalyst Kit 2 component.

#### Technical Notes:

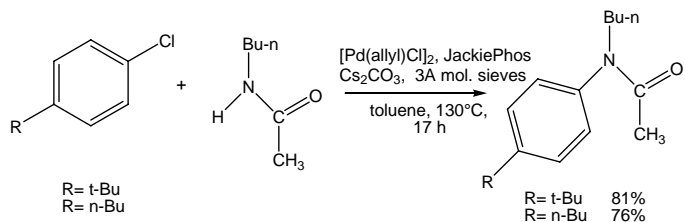
- Ligand used in the Pd-catalyzed coupling of aryl nonaflates and triflates with secondary amides.
- Ligand used in the Pd-catalyzed coupling of aryl nonaflates and triflates with secondary ureas, carbamates, and sulfonamides.
- Ligand used in the Pd-catalyzed coupling of aryl chlorides with secondary amides, carbamates, and sulfonamides.
- Ligand used in the Pd-catalyzed coupling of secondary alkyl stannanes with aryl halides.



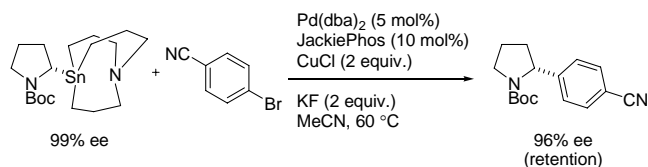
**Tech. Note (1)**  
**Ref. (1)**



**Tech. Note (2)**  
**Ref. (1)**



**Tech. Note (3)**  
**Ref. (1)**



**Tech. Note (4)**  
**Ref. (3)**

#### References:

- J. Am. Chem. Soc.*, **2009**, *131*, 16720.
- Chem. Sci.*, **2011**, *2*, 27-50.
- Nat. Chem.*, **2013**, *5*, 607.