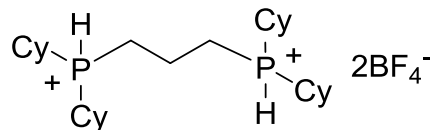
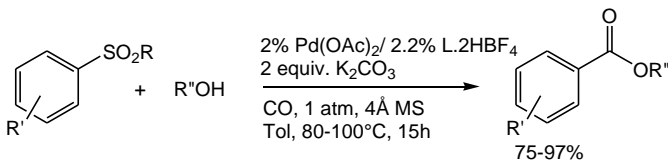


Catalog # 15-9593 1,3-Bis(dicyclohexylphosphonium)propane bis(tetrafluoroborate), min. 97%

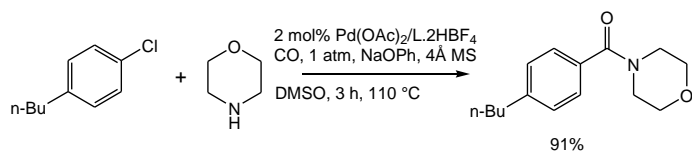


**Technical Notes:**

1. Ligand for palladium-catalyzed carbonylation of aryl tosylates and mesylates.
2. Ligand for palladium-catalyzed aminocarbonylation of aryl chlorides at atmospheric pressure.



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



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

**References:**

1. *J. Am. Chem. Soc.*, **2008**, 130, 2754.
2. *Angew. Chem. Int. Ed.*, **2007**, 46, 8460.