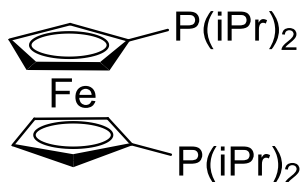


Catalog # B115376 1,1'-Bis(di-*i*-propylphosphino)ferrocene, min. 98% DiPPF

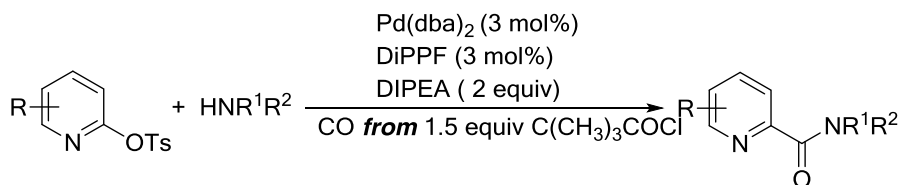


Technical Notes:

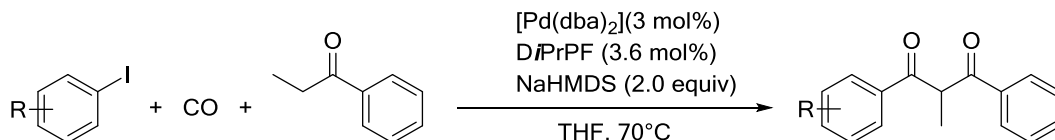
1. Ruthenium- catalyzed hydrohydroxyalkylation of 1,1-disubstituted allenes



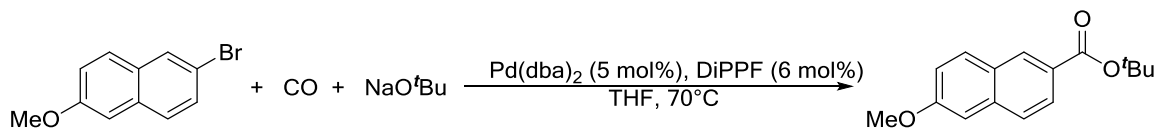
2. Ligand for palladium-catalyzed aminocarbonylation of Pyridyl Tosylates by means of ex situ generation of CO.



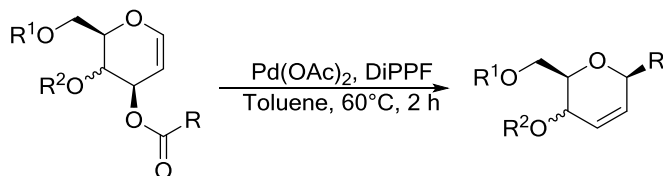
3. Pd-catalyzed carbonylative α -arylation of ketones with aryl iodides



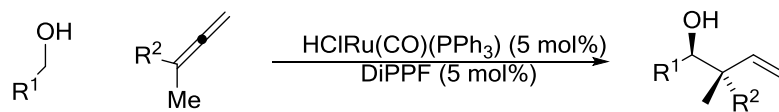
4. Ligand for palladium-catalyzed alkoxy carbonylation of aryl bromides for the preparation of tertiary esters



5. Ligand for stereoselective palladium-catalyzed decarboxylative allylation β -C-glycosylation

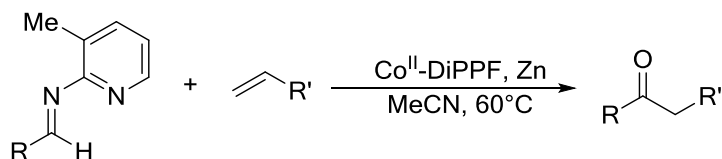


6. Ligand for ruthenium-catalyzed C—C coupling reactions of fluorinated alcohols with allenes.



$R^1 = \text{CH}_2\text{F}, \text{CH}_2\text{CF}_3, (\text{CH}_2)_2\text{CF}_3, \text{HC}=\text{CHCF}_3$
 $R^2 = \text{Ph}, \text{CH}_2\text{NPhth}, 4\text{-MeOC}_6\text{H}_4, 3,5\text{-Cl}_2\text{C}_6\text{H}_3$

7. Ligand for cobalt-catalyzed intermolecular formal hydroacylation reaction of olefins using N-3-picolin-2-yl aldimines as aldehyde equivalents.



References:

1. *J. Am. Chem. Soc.* **2011**, 133, 1141
2. *J. Am. Chem. Soc.* **2011**, 133, 6061
3. *Angew. Chem. Int. Ed.* **2012**, 51, 798
4. *Org. Lett.*, **2012**, 14, 284
5. *Angew. Chem. Int. Ed.* **2013**, 52, 5134
6. *Angew. Chem. Int. Ed.* **2015**, 54, 5465
7. *ACS Catal.* **2015**, 5, 3054