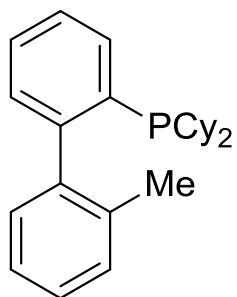


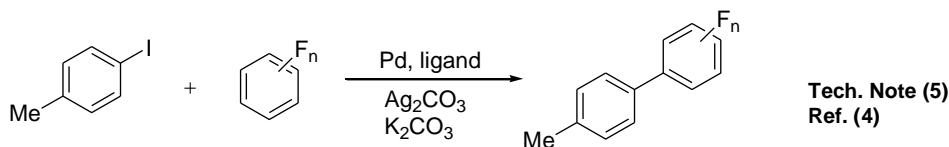
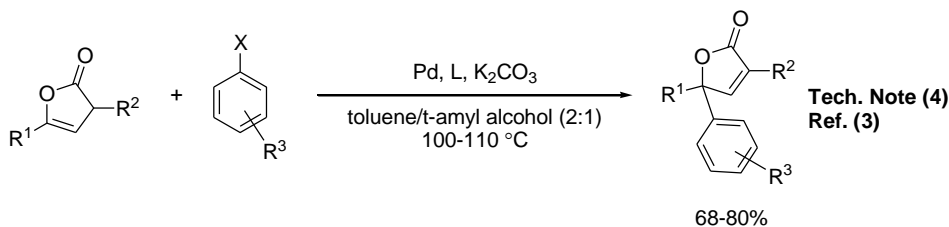
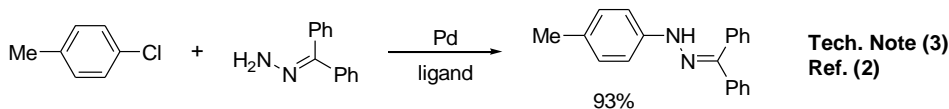
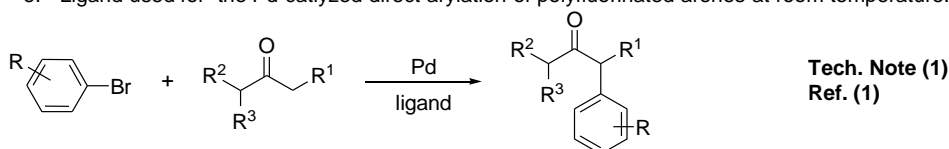
Catalog # D115623 2-Dicyclohexylphosphino-2'-methyl-1,1'-biphenyl, min. 98% MePhos



Note: Buchwald Biaryl Phosphine Ligand Kit component. Patents US 6,395,916, US 6,307,087.

Technical Notes:

1. Ligand used for the Pd-catalyzed formation of  $\alpha$ -arylketones.
2. Ligand used for the Pd-catalyzed amination reaction [\\_\\_\\_\\_\\_](#)  
a. See (Ref. 5).
3. Ligand used for the Pd-catalyzed hydrazone arylation.
4. Ligand used for the Pd-catalyzed synthesis of 5,5-disubstituted butenolides.
5. Ligand used for the Pd-catalyzed direct arylation of polyfluorinated arenes at room temperature.



References:

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2. *Adv. Synth. Catal.*, **2007**, 347, 773.
3. *Org. Lett.*, **2009**, 11, 2663.
4. *Org. Lett.*, **2010**, 12, 2116.
5. [Chem. Sci.](#), **2011**, 2, 27.