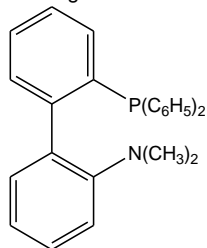


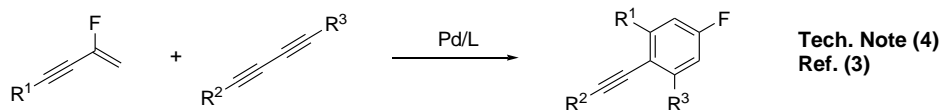
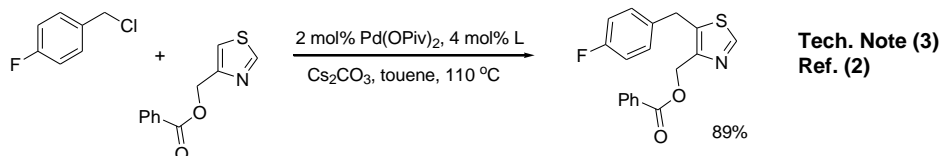
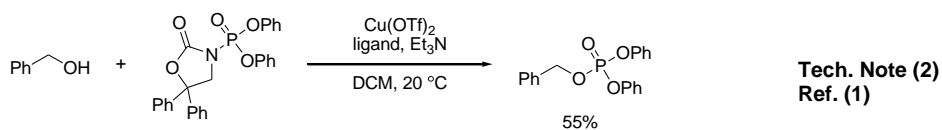
Catalog # 15-1745 2-Diphenylphosphino-2'-(N,N-dimethylamino)-1,1'-biphenyl, 98% PhDavePhos



Note: Buchwald Biaryl Phosphine Ligand Master Kit component. Buchwald Biaryl Phosphine Ligand Mini Kit 2 component. Patents US 6,395,916, US 6,307,087.

Technical Notes:

1. Useful ligand for sterically hindered substrates in the Pd-catalyzed amination reactions of aryl bromides.
2. Ligand used for the Cu-catalyzed phosphorylation of alcohols.
3. Ligand for Pd-catalyzed C-H benzylation.
4. Ligand for palladium-catalyzed [4 + 2] benzannulation reaction.



References:

1. *Org. Lett.*, **2005**, 7, 3271.
2. *Org. Lett.*, **2009**, 11, 4160.
3. *Org. Lett.*, **2013**, 15, 2562.
4. [Chem. Sci.](#), **2011**, 2, 27.