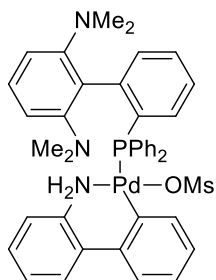
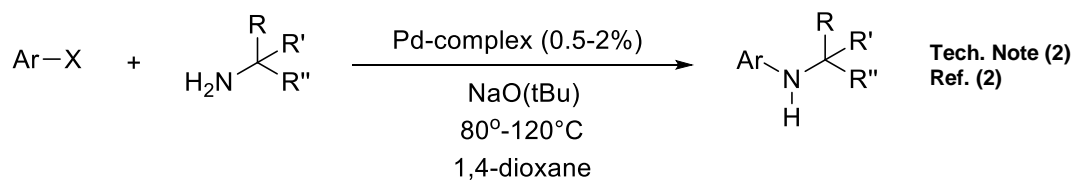
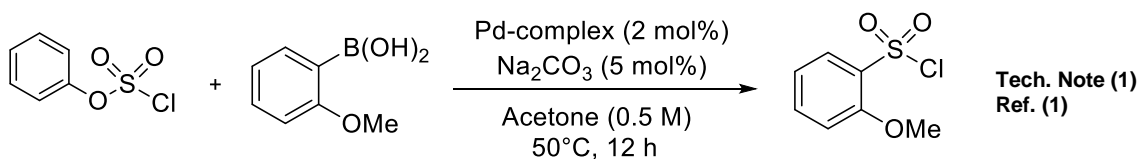


Catalog # 46-0354 Methanesulfonato[2-diphenylphosphino-2',6'-bis(dimethylamino)-1,1'-biphenyl](2'-amino-1,1'-biphenyl-2-yl)palladium(II), [PhCPhos Palladacycle Gen. 3]



Technical Notes:

1. Synthesis of aryl sulfonamides via palladium-catalyzed chlorosulfonylation of arylboronic acids.
2. Rational ligand design for the arylation of hindered primary amines guided by reaction progress kinetic analysis.



References:

1. *J. Am. Chem. Soc.*, **2013**, 135, 10638.
2. *J. Am. Chem. Soc.*, **2015**, 137, 3085.