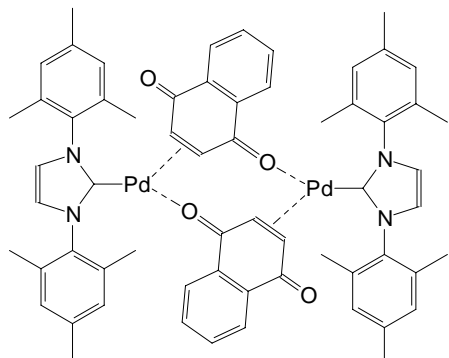


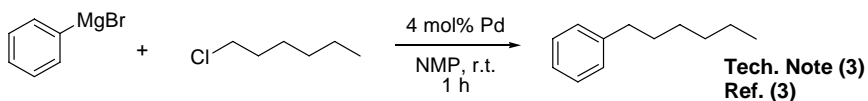
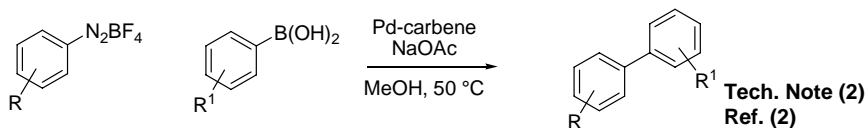
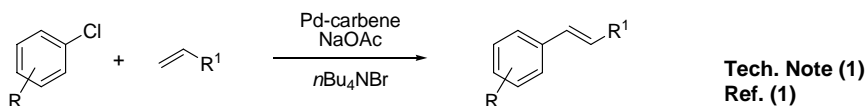
Catalog # 46-0265 1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene(1,4-naphthoquinone)palladium (0) dimer, 96%



Note: Sold in collaboration with Umicore for research purposes only. Patent WO 2004014550, US 6,316,380 and EP 721 953 A1.

Technical Notes:

1. Catalyst for Heck reactions in ionic liquids.
2. Catalyst for the cross-coupling of aryl diazonium salts.
3. Catalyst for the Kumada cross-coupling of alkyl chlorides.



References:

1. *Org. Lett.*, **2002**, 4, 3031.
2. *Chem. Eur. J.*, **2002**, 8, 3901.
3. *J. Organomet. Chem.*, **2003**, 687, 403.