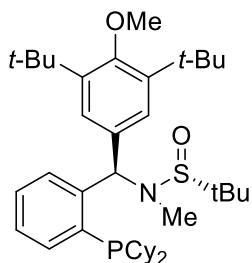
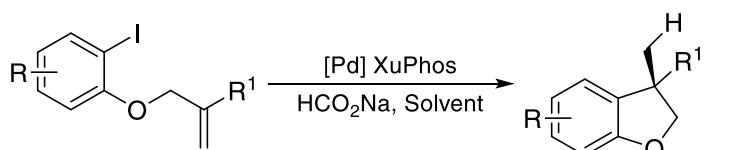


Catalog # 15-8438 [S(R)]-N-[(R)-[3,5-Bis(1,1-dimethylethyl)-4-methoxyphenyl]][2-(dicyclohexylphosphino)phenyl]methyl]-N,2-dimethyl-2-propanesulfonamide, 95%

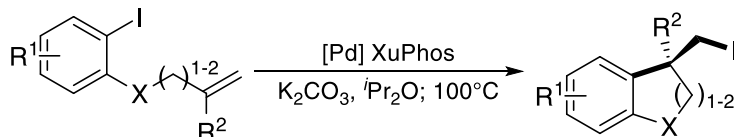


Technical Notes:

1. Ligand for the Pd-catalyzed enantioselective reductive Heck reactions to generate 3,3-disubstituted 2,3-dihydrobenzofuran.
2. Ligand for the Pd-catalyzed enantioselective carbiodination of olefin-tethered aryl iodides.
3. Ligand for the Pd-catalyzed enantioselective dicarbofunctionalization of unactivated alkenes via Heck-Suzuki coupling reaction.

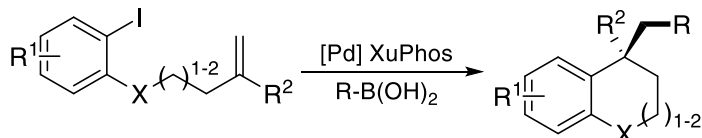


Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)

X = O; N-Boc



Tech Note (3)
Ref. (3-4)

X = C, O, N; R = Aryl, Alkyl, Vinyl

References:

1. *Angew. Chem. Int. Ed.* **2018**, *57*, 10373.
2. *J. Am. Chem. Soc.* **2019**, *141*, 8110.
3. *Angew. Chem. Int. Ed.* **2019**, *58*, 14653.
4. *Angew. Chem. Int. Ed.* **2020**, *59*, 2769.