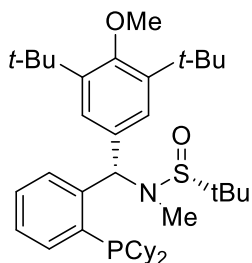
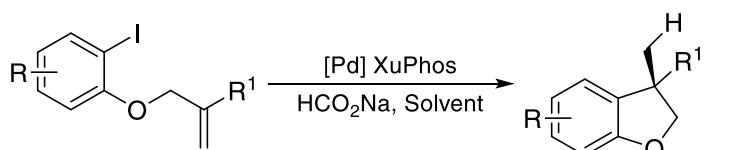


Catalog # 15-8436 [S(R)]-N-[(S)-[3,5-Bis(1,1-dimethylethyl)-4-methoxyphenyl]][2-(dicyclohexylphosphino)phenyl]methyl-N,2-dimethyl-2-propanesulfonamide, 98%

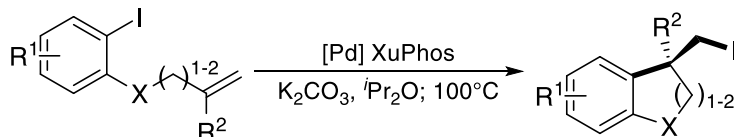


#### Technical Notes:

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.

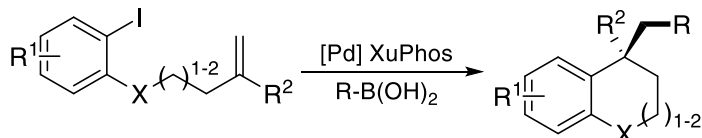


**Tech Note (1)**  
**Ref. (1)**



**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.