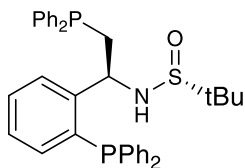


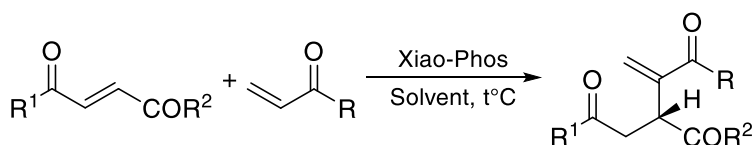
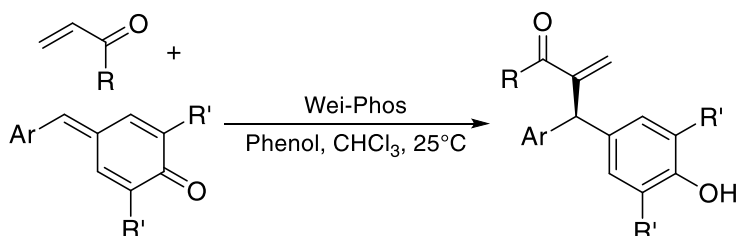
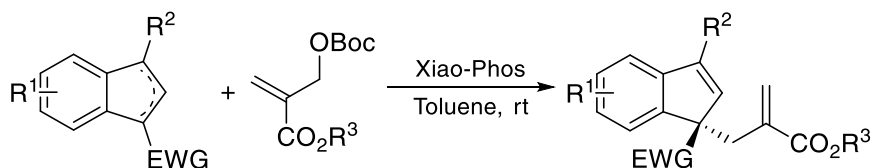
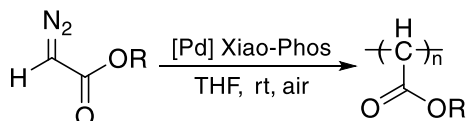
Catalog # 15-8392

[S(R)]-N-[(1S)-2-(Diphenylphosphino)-1-[2-(diphenylphosphino)phenyl]ethyl]-2-methyl-2-propanesulfonamide, 95%

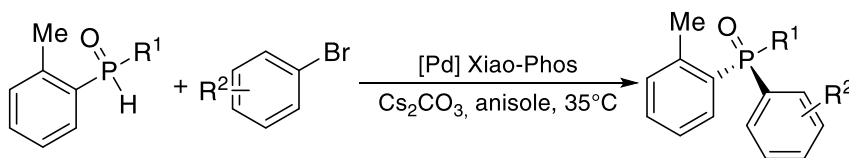


Technical Notes:

1. Chiral sulfonamide bisphosphine catalysts for highly enantioselective intermolecular cross-Rauhut-Currier reactions.
2. Used in phosphine-catalyzed asymmetric intermolecular cross-vinyllogous Rauhut-Currier Reactions of vinyl Ketones with *para*-quinone methides.
3. Used in the enantioselective phosphine-catalyzed allylic alkylations of *mix*-indene with MBH carbonates.
4. Ligand for the Pd-catalyzed fast and living polymerizations of various diazoacetate monomers under mild conditions.
5. Ligand for the direct Pd-catalyzed cross-coupling reaction of easily accessible secondary phosphine oxides and aryl bromides, which provides rapid access to P-chiral phosphine oxides.

Tech Note (1)
Ref. (1)Tech Note (2)
Ref. (2)Tech Note (3)
Ref. (3)Tech Note (4)
Ref. (4)

R = Alkyl or Aryl



Tech Note (5)
Ref. (5)

References:

1. *Angew. Chem. Int. Ed.* **2015**, 54, 14853.
2. *ACS Catal.* **2017**, 7, 2805.
3. *Org. Lett.* **2017**, 19, 6080.
4. *J. Am. Chem. Soc.* **2018**, 140, 17773.
5. *J. Am. Chem. Soc.* **2019**, 141, 20556.