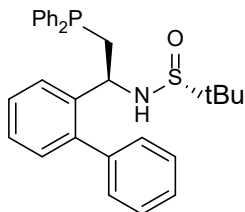
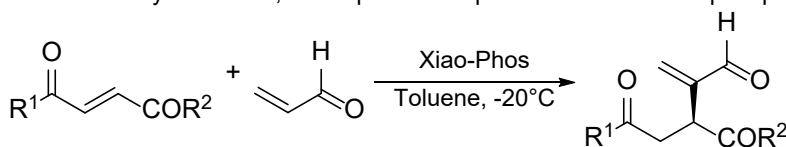


Catalog # 15-8368 [S(R)]-N-[(1S)-1-[1,1'-Biphenyl]-2-yl-2-(diphenylphosphino)ethyl]-2-methyl-2-propanesulfonamide, 98%

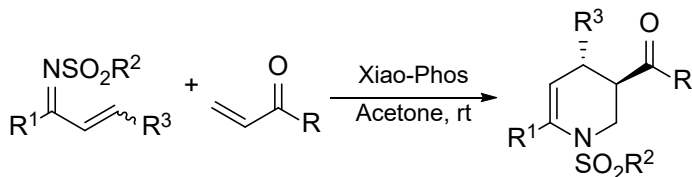


Technical Notes:

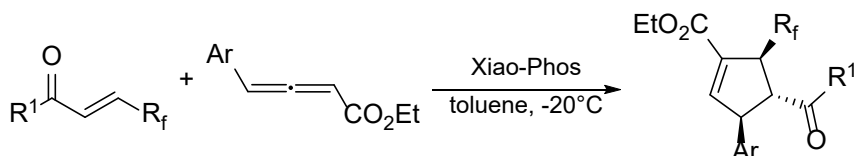
1. Organocatalyst used in enantioselective intermolecular cross Rauhut-Currier reactions of activated alkenes with acrolein.
2. Organocatalyst used in aza-[4+2] cycloaddition of N-sulfonyl-1-aza-1,3-dienes with vinyl ketones.
3. Catalyst for the enantioselective [3+2] cycloadditions of γ -substituted allenates with β -perfluoroalkyl enones.
4. 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.



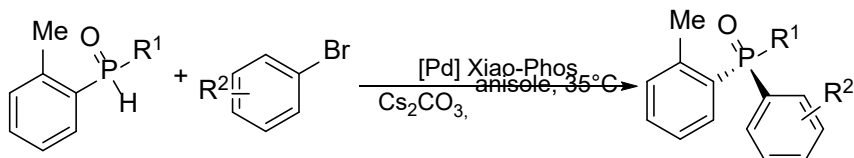
Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)



Tech Note (3)
Ref. (3)



Tech Note (4)
Ref. (4)

References:

1. *Chem. Commun.*, **2016**, 52, 7612.
2. *Org. Lett.* **2017**, 19, 1710.
3. *Chem. Sci.*, **2017**, 8, 4660.
4. *J. Am. Chem. Soc.* **2019**, 141, 20556.