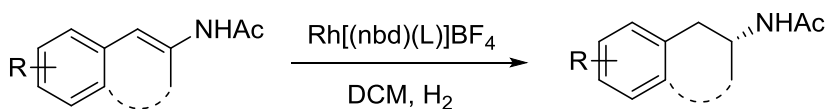
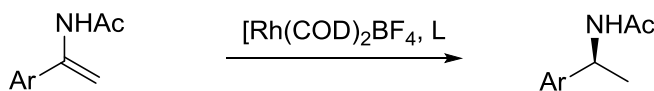


Technical Notes:

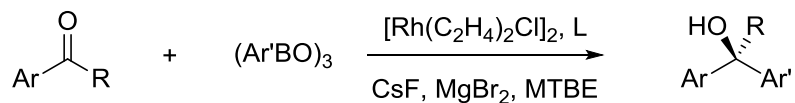
1. Ligand/Rhodium catalyst for asymmetric hydrogenation of enamides.
2. Ligand/Rhodium catalyst for asymmetric enamides.
3. Ligand/Rhodium catalyst for asymmetric arylboronic reagents addition to aryl ketones
4. Ligand/Copper catalyst for asymmetric addition.
5. Ligand/Rhodium catalyst for asymmetric hydrogenation.
6. Ligand/Rhodium catalyst for asymmetric hydroformylation.



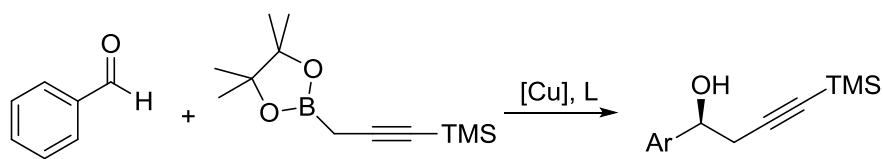
Tech. Note (1)
Ref. (1)



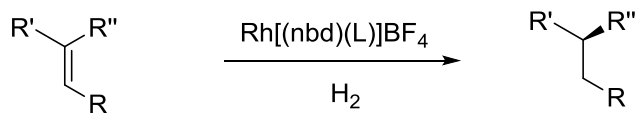
Tech. Note (2)
Ref. (2)



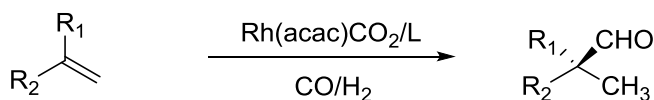
Tech. Note (3)
Ref. (3,4)



Tech. Note (4)
Ref. (5)



Tech. Note (5)
Ref. (6)



Tech. Note (6)
Ref. (8)

References:

1. *Angew. Chem., Int. Ed.* **2013**, *52*, 4235
2. *Org. Process Res. Dev.*, **2013**, *17*, 1061
3. *Angew. Chem., Int. Ed.* **2016**, *55*, 4527
4. *Adv. Syn. Cat.* **2013**, *355*, 1297
5. *J. Am. Chem. Soc.* **2010**, *132*, 7600
6. *Org. Lett.* **2010**, *12*, 176
7. *Org. Lett.* **2010**, *12*, 1104
8. *Org. Lett.* **2016**, *18*, 3346