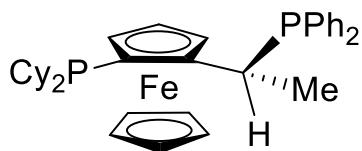
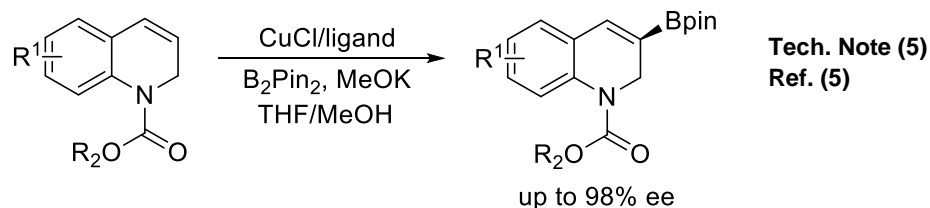
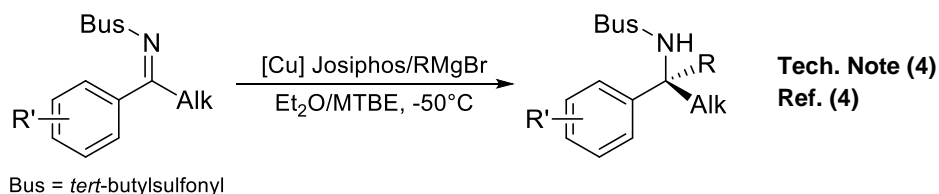
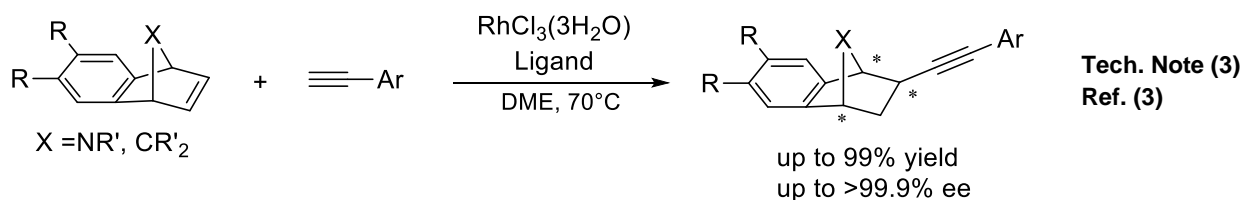
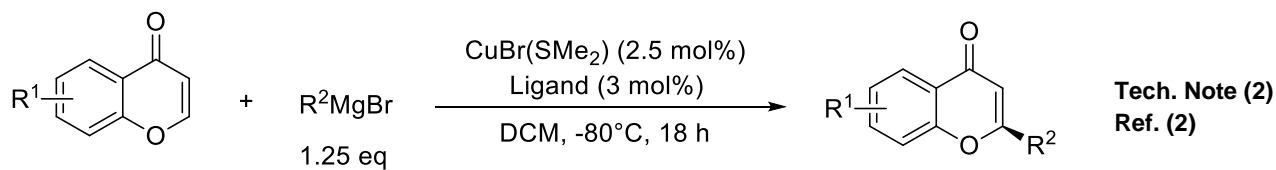
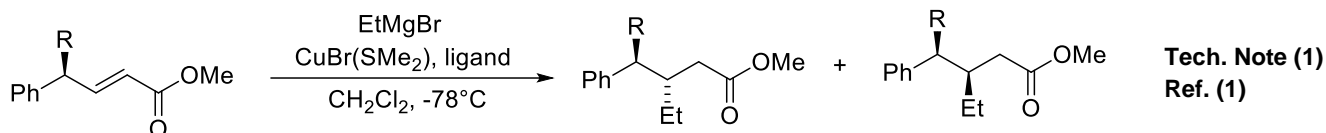


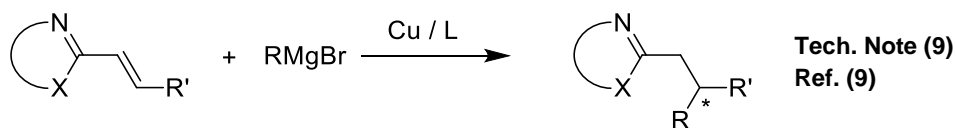
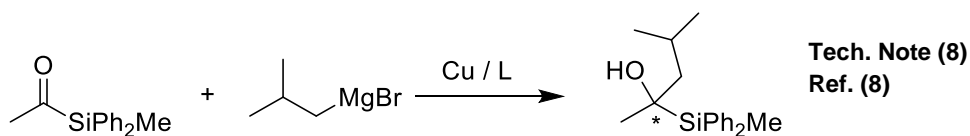
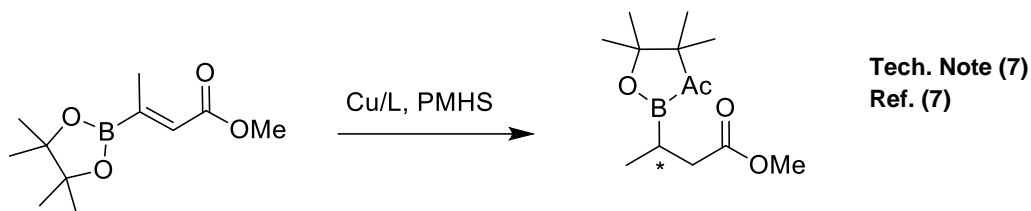
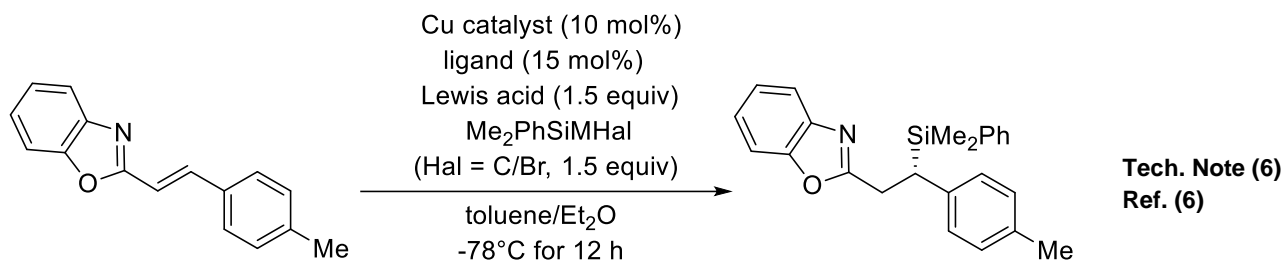
Catalog # 26-1230 (R)-(-)-1-[(S)-2-(Dicyclohexylphosphino)ferrocenyl]ethyl-diphenylphosphine, min. 97%



Technical Notes:

1. Catalytic enantioselective synthesis of vicinal dialkyl arrays.
2. Catalytic asymmetric conjugate addition of Grignard reagents to chromones.
3. Rh-Catalyzed highly enantioselective hydroalkynylation reaction of norbornadiene derivatives.
4. Copper-Catalyzed enantioselective alkylation of enolizable ketimines with organomagnesium reagents.
5. Enantioselective synthesis of boryl tetrahydroquinolines via Cu-Catalyzed hydroboration.
6. Copper-Catalyzed regio- and enantioselective addition of silicon Grignard Reagents to alkenes activated by azaaryl groups.
7. Ligand for Cu-catalyzed Asymmetric Conjugate Reduction of β -Boronyl- β -alkyl enoates.
8. Ligand for Cu-catalyzed Asymmetric Alkylation of Acylsilanes.
9. Ligand for Cu-catalyzed Asymmetric Addition of Grignard Reagents to Alkenyl-substituted Aromatic N-Heterocycles.





References:

1. *J. Org. Chem.*, **2008**, 73, 6994.
2. *Chem. Commun.*, **2013**, 49, 5933.
3. *Org. Lett.*, **2013**, 15, 5956.
4. *Angew. Chem. Int. Ed.*, **2017**, 55, 6057.
5. *J. Org. Chem.*, **2018**, 83, 1924.
6. *Angew. Chem. Int. Ed.*, **2019**, 58, 10723.
7. *Tetrahedron*, **2012**, 68, 3428-3434.
8. *Angew. Chem. Int. Ed.*, **2015**, 54, 3038–3042.
9. *Science*, **2016**, 352, 6284, 433 – 437.