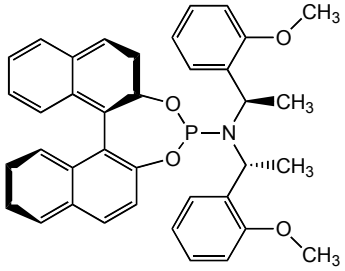
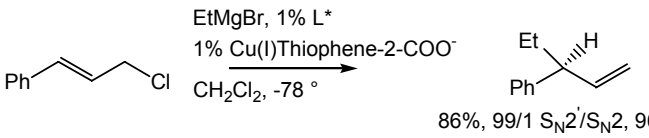
Catalog # B281913 (11bR)-N,N-Bis[(R)-(-)-1-(2-methoxyphenyl)ethyl]dinaphtho[2,1-d:1',2'-f][1,3,2] dioxaphosphepin-4-amine



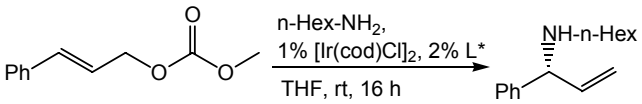
Technical Notes:

1. Ligand for the copper catalyzed, highly regioselective substitution reactions of a wide variety of aromatic and aliphatic substituted allylic halides to form branched chiral products from diverse Grignard and dialkyl zinc reagents.
2. Ligand for the iridium catalyzed, highly regioselective, substitution reactions of a wide variety of aromatic and aliphatic substituted allylic carboxylates to form branched chiral products from amines, stabilized carbanions, and aryl zinc reagents.
3. Ligand for the iridium catalyzed, highly regioselective, substitution reactions of a wide variety of aromatic and aliphatic substituted allylic carboxylates to form branched chiral products from alcohol.
4. Ligand for the iridium catalyzed, highly regioselective, substitution reactions of a wide variety of aromatic and aliphatic substituted allylic carboxylates to form branched chiral products from thiolate.
5. Ligand for the copper catalyzed, highly regioselective substitution reactions of a wide variety of aromatic and aliphatic substituted allylic halides to form branched chiral products from diverse organolithium compounds.



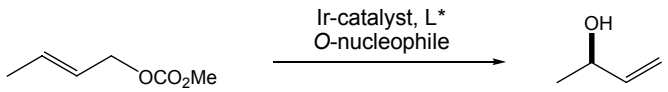
86%, 99/1 S_N2'/S_N2, 96% ee

Tech. Note (1)
Ref. (1-2)

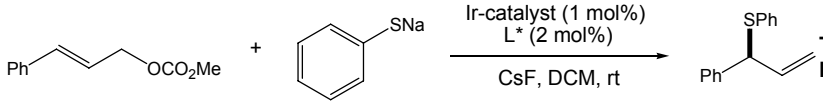


99%, 99/1 S_N2'/S_N2, 97% ee

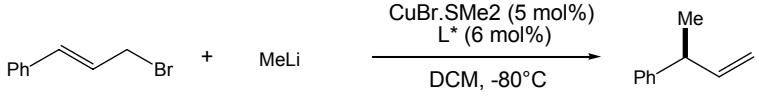
Tech. Note (2)
Ref. (1,3,4)



Tech. Note (3)
Ref. (5)



Tech. Note (4)
Ref. (6)



Tech. Note (5)
Ref. (7)

References:

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