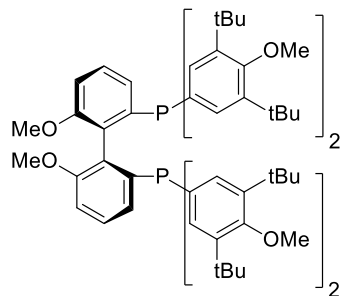
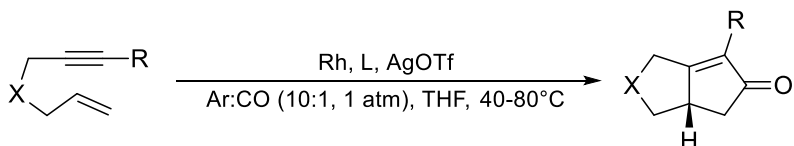


Catalog # 15-0043 (S)-(+)-2,2'-Bis[di(3,5-di-*t*-butyl-4-methoxyphenyl)phosphino]-6,6'-dimethoxy-1,1'-biphenyl,
min. 97%

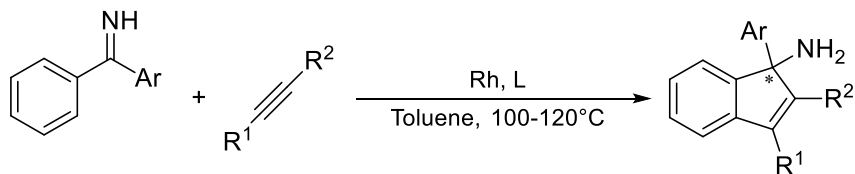


Technical Notes:

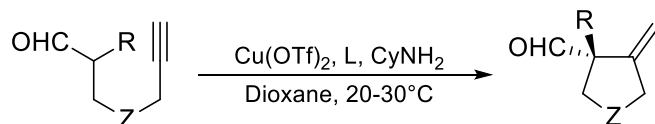
1. Ligand for asymmetric Rh-catalyzed Pausan-Khand reaction.
2. Ligand for enantioselective Rh-catalyzed [3+2] annulation of aromatic ketimines.
3. Ligand for enantioselective copper-organocatalyzed preparation of cyclopentanes bearing an all-carbon quaternary stereocenters.
4. Ligand for Cu(I)-catalyzed exo-selective construction of spiro-[butyrolactonepyrrolidine] via 1,3-dipolar cycloaddition of azomethine.
5. Ligand for gold-catalyzed enantioselective intramolecular hydroamination of unactivated alkenes.
6. Ligand for rhodium-catalyzed enantioselective intramolecular C–H silylation for the syntheses of planar-chiral metallocene siloles.
7. Ligand for palladium-catalyzed enantioselective intermolecular carboetherification of dihydrofurans.
8. Copper(I)-catalyzed asymmetric exo-selective [3+2] cycloaddition of azomethine ylides with β -trifluoromethyl β , β -disubstituted enones.
9. Ligand for Cu-Catalyzed Asymmetric Conjugate Alkynylation of α,β -Unsaturated 1,1,1-Trifluoromethyl Ketones with Terminal Alkynes
10. Ligand for Rhodium-Catalyzed Asymmetric N-H Functionalization of Quinazolinones with Allylic Carbonates



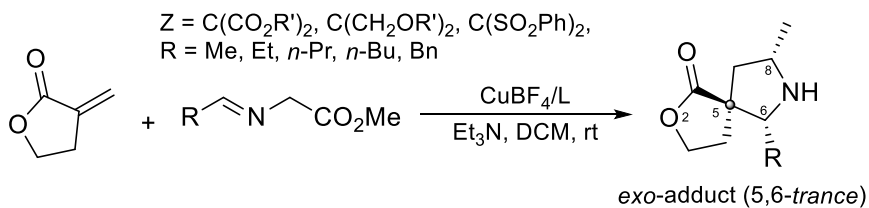
Tech. Note (1)
Ref. (1)

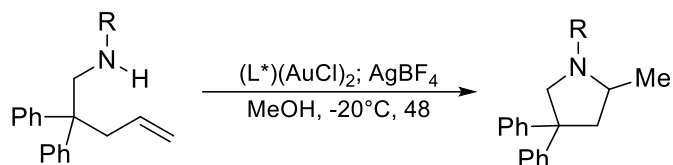


Tech. Note (2)
Ref. (2)

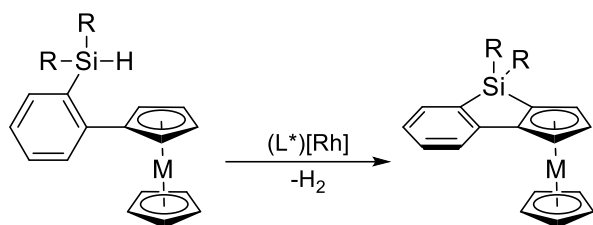


Tech. Note (3)
Ref. (3)

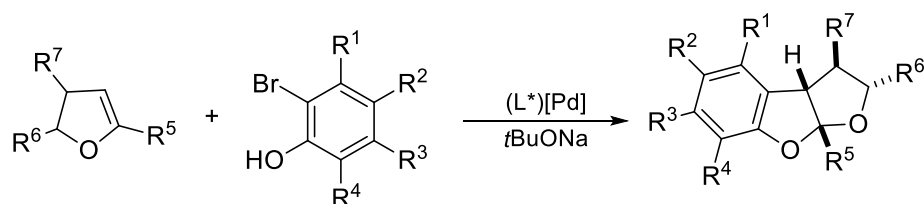




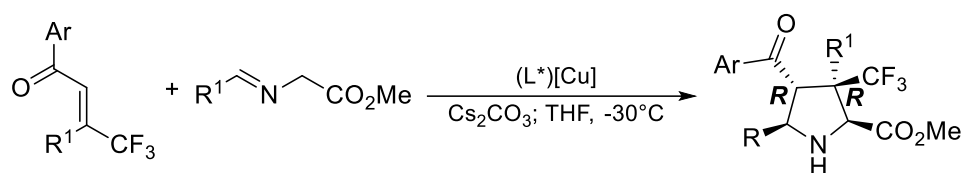
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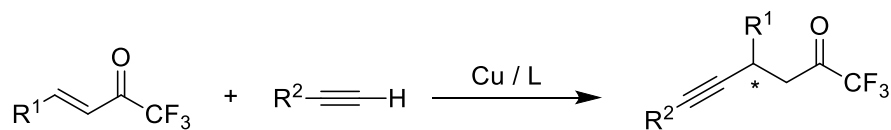
Tech. Note (6)
Ref. (6)



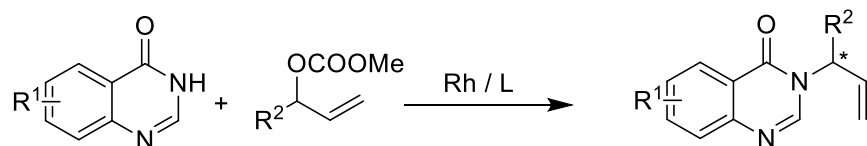
Tech. Note (7)
Ref. (7)



Tech. Note (8)
Ref. (10)



Tech. Note (9)
Ref. (8)



Tech. Note (10)
Ref. (9)

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