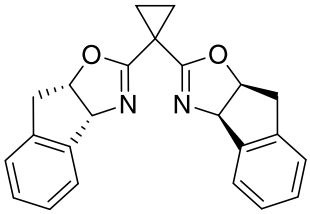
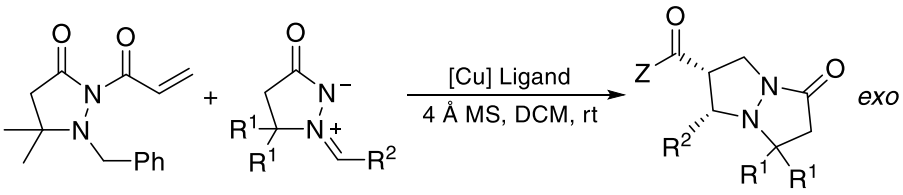
Catalog # C281583 (3aR,3'aR,8aS,8'a'S)-2,2'-Cyclopropylidenebis[3a,8a-dihydro-8H-Indeno[1,2-d]oxazole]



Technical Notes

1. Ligand for the Cu-catalyzed exo and enantioselective cycloadditions of azomethine imines.
2. Ligand for the Cu-catalyzed insertion into ieteroatom-hydrogen bonds with trifluorodiazoalkanes.
3. Ligand for the Ni-catalyzed enantioselective cross-coupling of N-hydroxyphthalimide esters with vinyl bromides.
4. Ligand for the Cu-catalyzed enantioselective oxy-alkynylation of diazo compounds.
5. Ligand used in enantioselective decarboxylative cyanation employing cooperative Ir-photoredox and copper catalysis.
6. Ligand used in the synthesis of enantioenriched allylic silanes via Ni-catalyzed reductive cross-coupling.
7. Ligand for the asymmetric propargylic radical cyanation enabled by dual organophotoredox and copper catalysis.
8. Ligand for the dual-functional chiral Cu-catalyst-induced photoredox asymmetric cyanofluoroalkylation of alkenes.

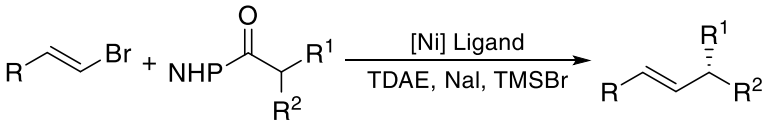


Tech. Note (1); Ref. (1)

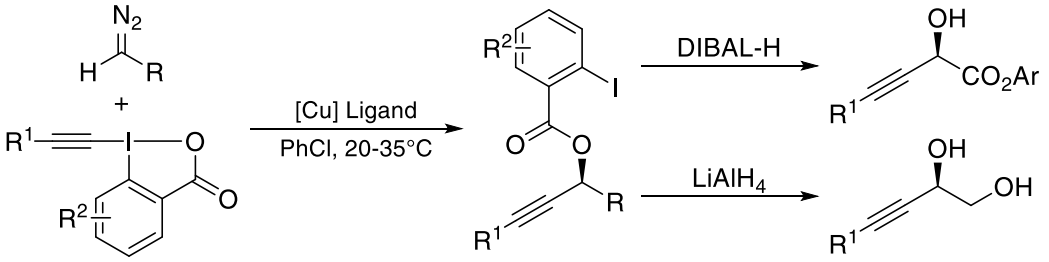


X = Si, B, P, S, N

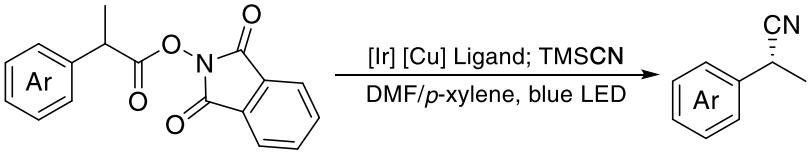
Tech. Note (2); Ref. (2)



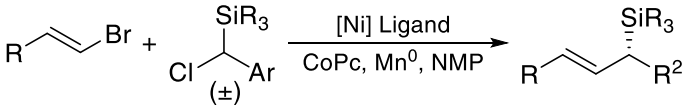
Tech. Note (3); Ref. (3)



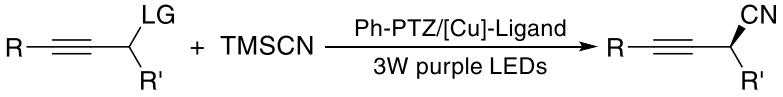
Tech. Note (4); Ref. (4)



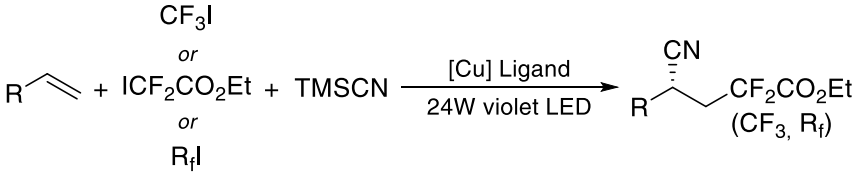
Tech. Note (5); Ref. (5)



Tech. Note (6); Ref. (6)



Tech. Note (7); Ref. (7)



Tech. Note (8); Ref. (8)

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