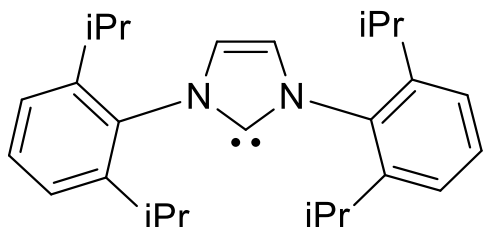
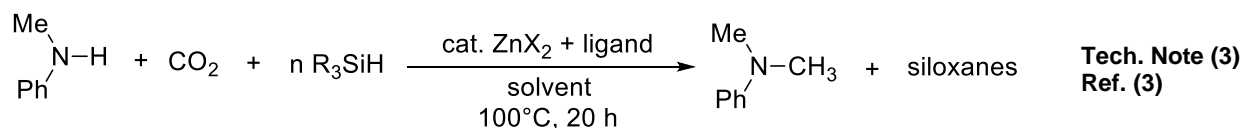
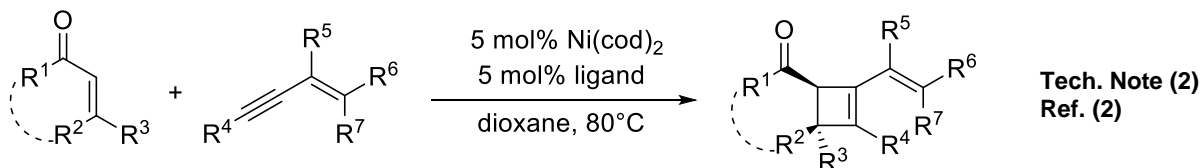
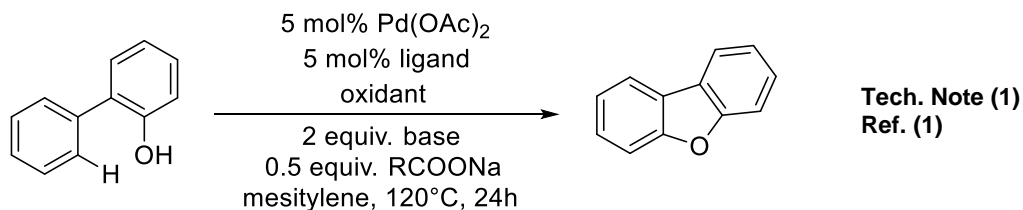


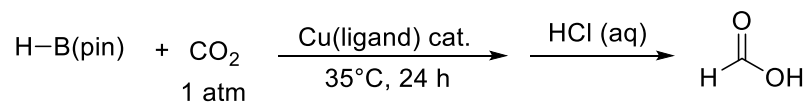
Catalog # 07-0595 1,3-Bis(2,6-di-i-propylphenyl)imidazol-2-ylidene, min. 98%



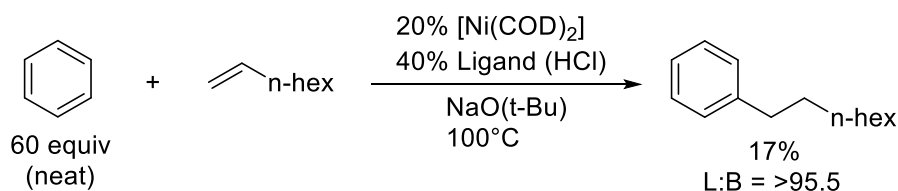
Technical Notes:

1. Synthesis of dibenzofurans via palladium-catalyzed phenol-directed C-H activation/C-O cyclization.
2. Nickel-catalyzed intermolecular [2+2] cycloaddition of conjugated enynes with alkenes.
3. CO₂ as a C1-building block for the catalytic methylation of amines.
4. Copper-catalyzed hydroboration of carbon dioxide.
5. Linear-selective hydroarylation of unactivated terminal and internal olefins with trifluoromethyl-substituted arenes.
6. Nickel-catalyzed dehydroarylation cross-coupling: Direct transformation of aldehydes into esters and amides.
7. Ligand-controlled regiodivergent Cu-catalyzed aminoboration of unactivated terminal alkenes.
8. Highly regioselective indoline synthesis under nickel/photoredox dual catalysis.
9. Catalytic activation of carbon-carbon bonds in cyclopentanones.
10. Au(III)-aryl intermediates in oxidant-free C-N and C-O cross-coupling catalysis.
11. Iron-catalyzed cross-coupling reactions of arylmagnesium reagents with aryl chlorides and tosylates.
12. Tertiary and quaternary carbon formation via Gallium-Catalyzed nucleophilic addition of organoboronates to cyclopropanes.
13. A tethering directing group strategy for ruthenium-catalyzed intramolecular alkene hydroarylation.

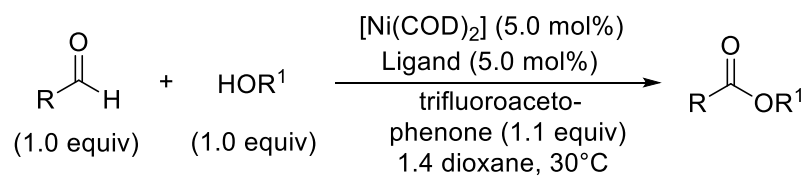




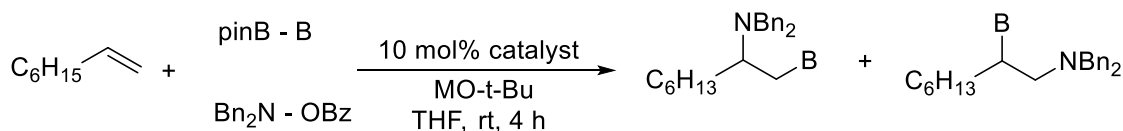
Tech. Note (4)
Ref. (4)



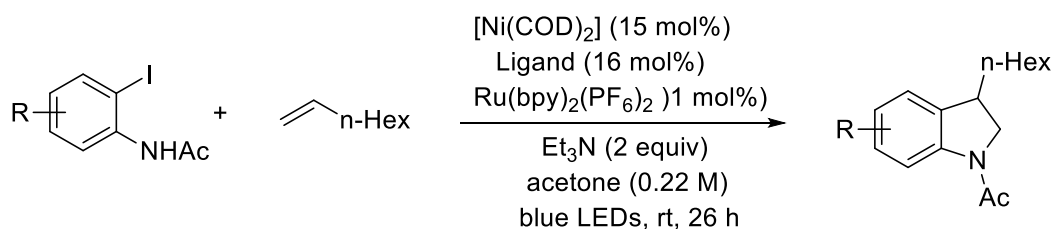
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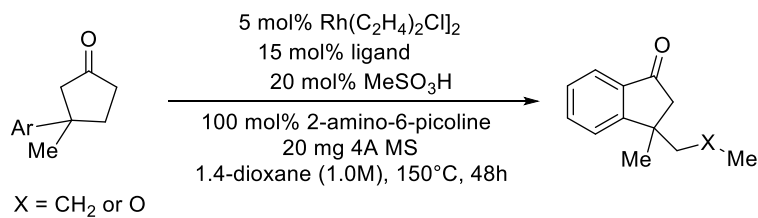
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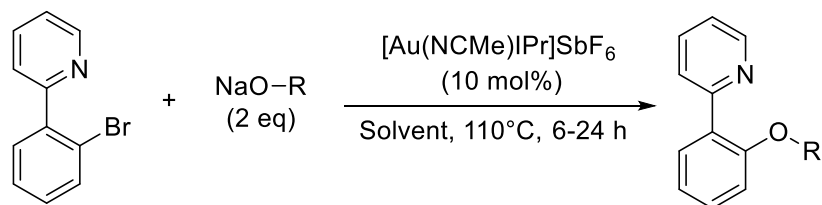
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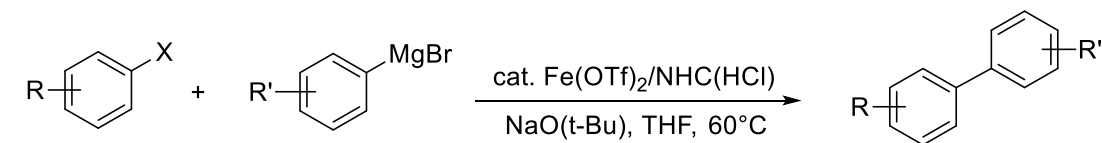
Tech. Note (8)
Ref. (8)



Tech. Note (9)
Ref. (9)

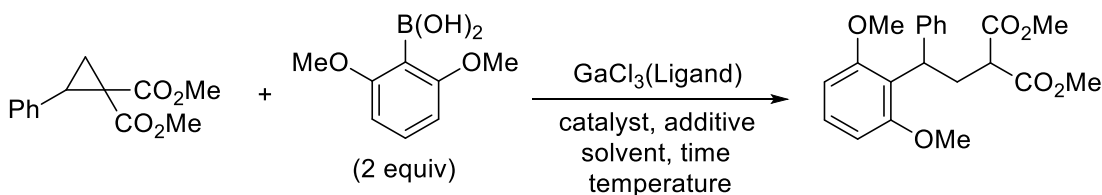


Tech. Note (10)
Ref. (10)

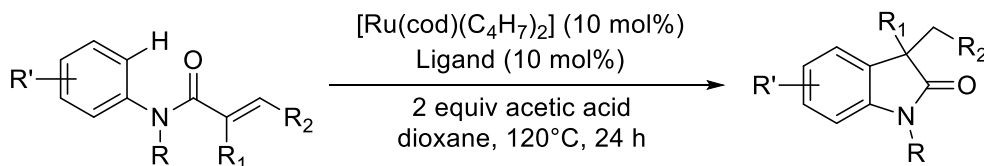


X = Cl or OTs

Tech. Note (11)
Ref. (11)



Tech. Note (12)
Ref. (12)



Tech. Note (13)
Ref. (13)

References:

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