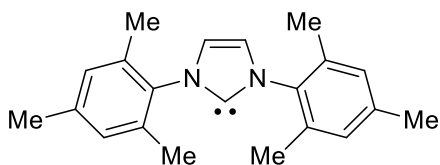
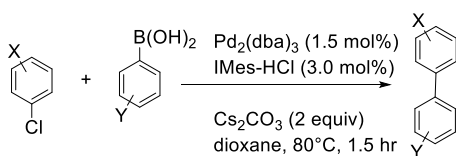


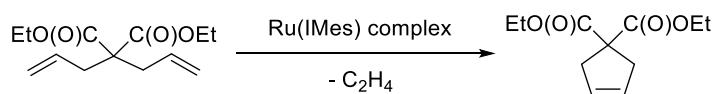
Catalog # 07-0600 1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene, min. 98%:



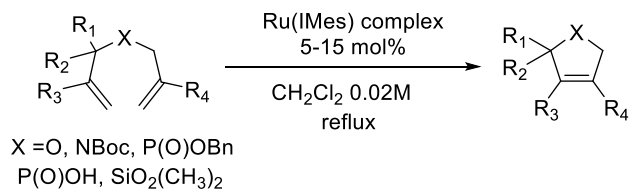
1. Palladium-imidazol-2-ylidene complex as catalysts for facile and efficient Suzuki cross-coupling reactions.
2. Ruthenium-imidazol-2-ylidene complex as a ring closing metathesis catalyst.
3. Improvement in olefin metathesis using a new generation of ruthenium catalyst bearing an imidazolylidene ligand – synthesis of heterocycles.
4. RCM catalysts of extended scope.
5. Metal-free catalyst for the chemoselective methylation of amines using carbon dioxide as a carbon source.
6. Enantioselective (4+2) annulation of donor-acceptor cyclobutanes by N-heterocyclic carbene catalysis.
7. Efficient synthesis of alkylboronate esters via Cu(II)-catalyzed borylation of unactivated alkyl Halides in air.
8. N-Heterocyclic carbene catalyzed sulfenylation of α,β -unsaturated aldehydes.



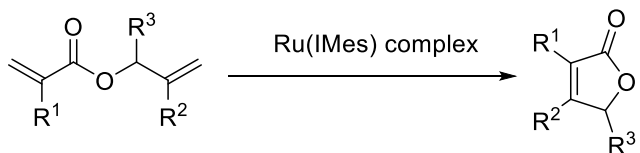
Tech. Note (1)
Ref. (1)



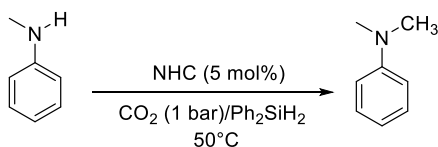
Tech. Note (2)
Ref. (2)



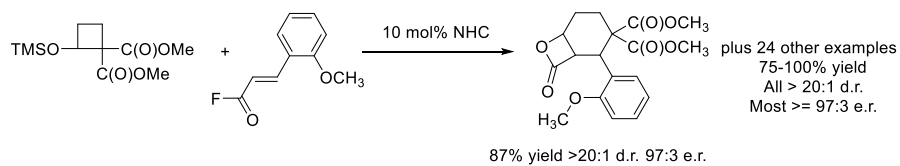
Tech. Note (3)
Ref. (3)



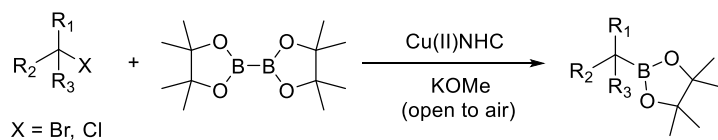
Tech. Note (4)
Ref. (4)



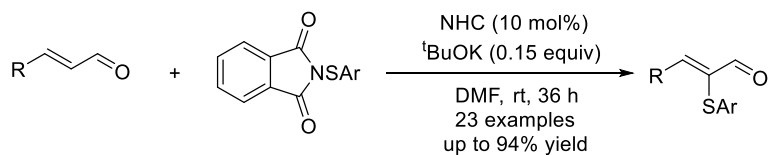
Tech. Note (5)
Ref. (5)



Tech. Note (6)
Ref. (6)



Tech. Note (7)
Ref. (7)



Tech. Note (8)
Ref. (8)

References:

1. *J. Org. Chem.*, **1999**, 64, 3804.
2. *Organometallics*, **1999**, 18, 3760.
3. *Org. Lett.*, **2000**, 2, 1517.
4. *J. Org. Chem.*, **2000**, 65, 2204.
5. *Angew. Chem. Int. Ed.*, **2014**, 53, 12876.
6. *Angew. Chem. Int. Ed.*, **2016**, 55, 16136.
7. *ACS Catal.*, **2016**, 6, 8332.
8. *Org. Lett.*, **2016**, 18, 5708.