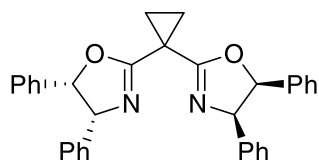
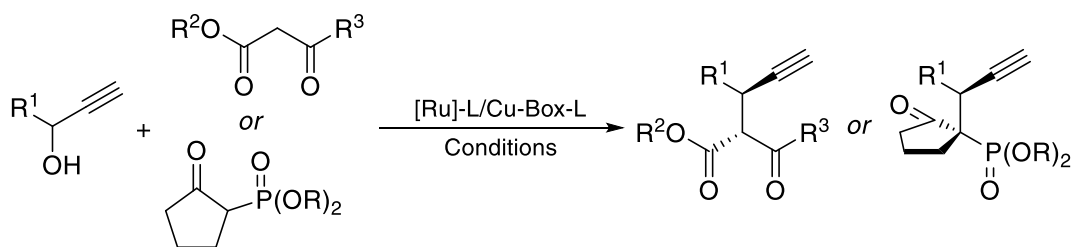


Catalog # 07-1411 (4R,4'R,5S,5'S)-2,2'-Cyclopropylidenebis[4,5-dihydro-4,5-diphenyloxazole]

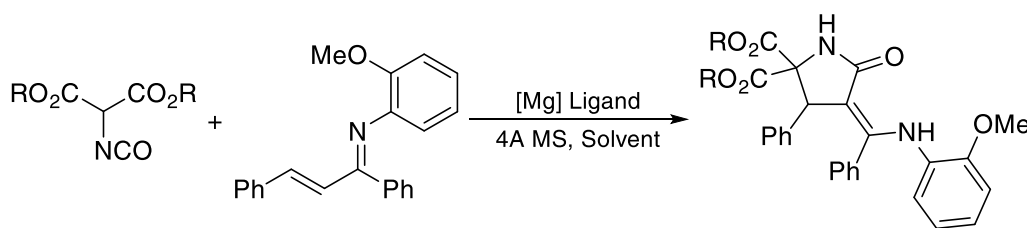


Technical Notes

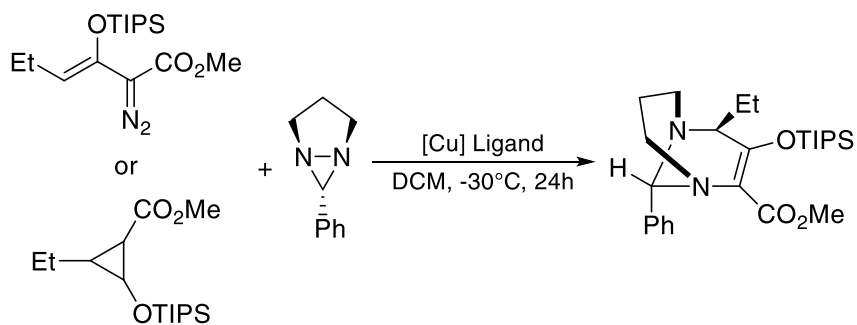
1. Ligand used in the Ru- and Cu-catalyzed enantioselective propargylic alkylation of propargylic alcohols with β -ketoesters [1] and β -keto phosphonates.
2. Used in the synthesis of highly substituted chiral γ -lactams via catalytic asymmetric formal [3+2] cycloaddition of 2-isocyanatomalonate esters and unsaturated imines.
3. Ligand for the Cu-catalyzed [3+2]- and [3+3]-cycloadditions of (Z)- γ -ethyl enoldiazoacetate with diaziridine.



Tech. Note (1); Ref. (1, 2)



Tech. Note (2); Ref. (3)



Tech. Note (3); Ref. (4, 5)

References:

1. *Chem. Eur. J.* **2012**, 18, 3321.
2. *Organometallics* **2012**, 31, 3426.
3. *Chem. Eur. J.* **2017**, 23, 14707.
4. *Organometallics* **2019**, 38, 4043.
5. *Angew. Chem. Int. Ed.* **2019**, 58, 12502.