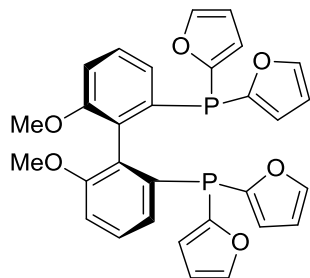


Catalog # 15-0113 (S)-(-)-2,2'-Bis(di-2-furanylphosphino)-6,6'-dimethoxy-1,1'-biphenyl, min. 97%

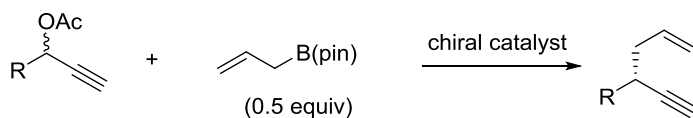


Note: Sold in collaboration with Solvias for research purposes only. Solvias (S)-MeO-BIPHEP Ligand Kit component.

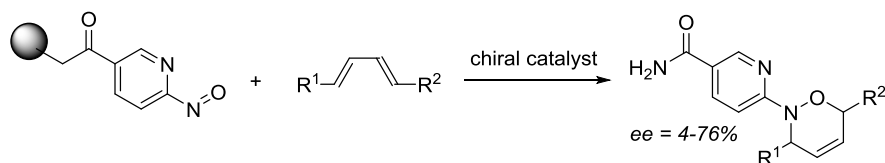
Technical Notes:

In many respects the catalytic profile of the MeO-BIPHEP ligands is similar to that of other atropisomeric diphosphines such as binap and its many analogs. The nature of the PR_2 group strongly influences the catalytic performance of the metal complexes. The rhodium and ruthenium MeO-BIPHEP catalysts are highly effective for the hydrogenation of various C=O, C=C and C=N bonds and several synthetically useful C-C coupling reactions.

1. Stereocontrol in palladium-catalyzed propargylic substitutions: kinetic resolution to give enantioenriched 1,5-enynes and propargyl acetates.
2. Study of enantioselective catalysis of nitroso-Diels-Alder reaction on solid support.



Tech. Note (1)
Ref. (1)



Tech. Note (2)
Ref. (2)

References:

1. *Adv. Synth. Catal.*, **2013**, 355, 3413.
2. *Chem. Select*, **2017**, 2, 3987.