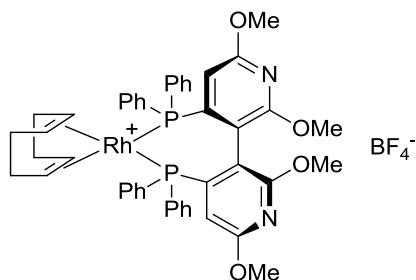


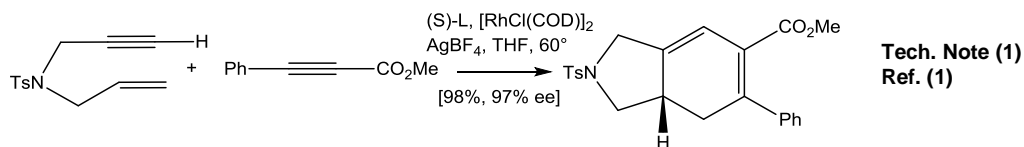
Catalog # 45-2110 (R)-(+)-2,2',6,6'-Tetramethoxy-4,4'-bis(diphenylphosphino)-3,3'-bipyridine(1,5-cyclooctadiene) rhodium(I) tetrafluoroborate, min. 97%



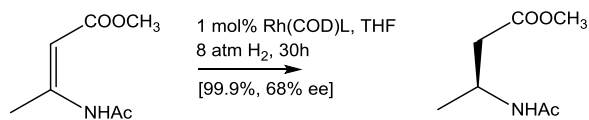
Note: Sold in collaboration with Johnson Matthey for research purposes only. Patent US5886182.

Technical Notes:

1. Chiral ligand for enantioselective rhodium-catalyzed [2+2+2] carbocyclization reactions.
2. Chiral ligand for the asymmetric hydrogenation of β -keto esters.
3. Highly enantioselective hydrogenation of β -alkyl-substituted (*E*)- β -(acylamino)-acrylates



Tech. Note (1)
Ref. (1)



Tech. Note (3)
Ref. (2)

References:

1. *J. Am. Chem. Soc.*, **2005**, *127*, 12466.
2. *J. Org. Chem.*, **2003**, *68*, 2490.