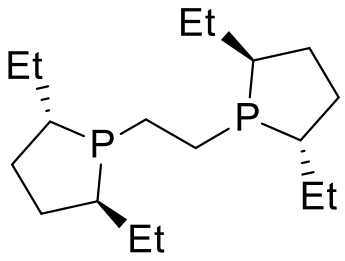
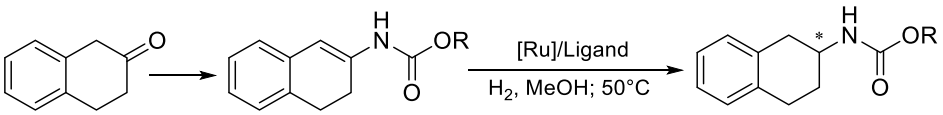
Catalog # B281823 (-)-1,2-Bis((2S,5S)-2,5-diethylphospholano)ethane, 98+% (S,S)-Et-BPE

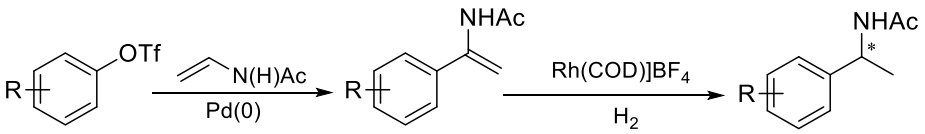


Technical Notes:

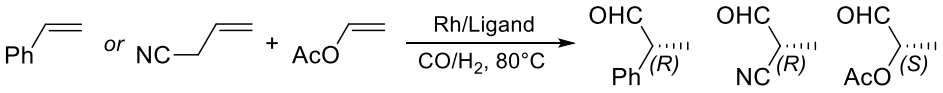
1. Ligand for Ru-catalyzed enantioselective hydrogenation of ene carbamates.
2. Ligand for Pd-catalyzed asymmetric hydrogenation for producing N-acyl enamide.
3. Ligand for Rh-catalyzed regio- and enantioselective asymmetric hydroformylation of olefins.
4. Ligand for Rh-catalyzed enantioselective catalyst for asymmetric hydroformylation of [2.2.1]-bicyclic olefins.



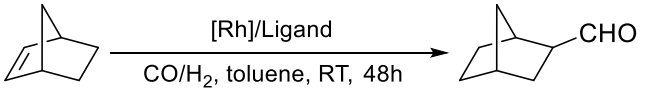
Tech. Note (1)
Ref. (1)



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



Tech. Note (3)
Ref. (3)



Tech. Note (4)
Ref. (4)

References:

1. *Tetrahedron: Asymmetry,* **2001**, *12,* 863.
2. *Tetrahedron Letters,* **2004**, *45,* 9277.
3. *Angew. Chem. Int. Ed.,* **2005**, *44,* 5834.
4. *Tetrahedron Letters,* **2005**, *46,* 7831.