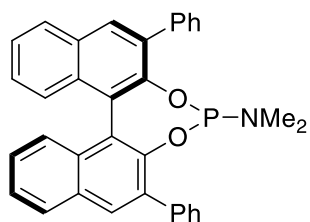
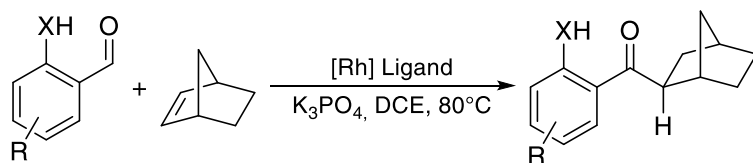


Catalog # 15-5620 (11bR)-N,N-Dimethyl-2,6-diphenyl-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-amine

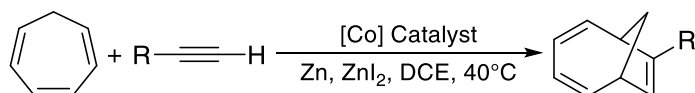


Technical Notes

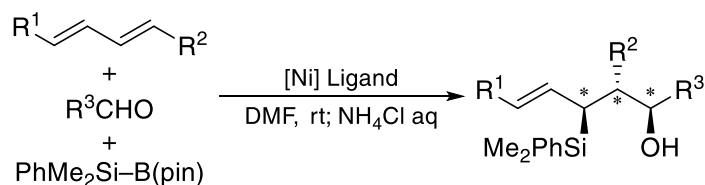
1. Ligand for the Rh-catalyzed asymmetric intermolecular hydroacylation reaction with salicylaldehydes.
2. Ligand for the enantioselective Co-catalyzed [6+2] cycloadditions of cycloheptatriene with alkynes.
3. Ligand used for the Ni-catalyzed enantio- and diastereoselective three-component coupling of 1,3-dienes, aldehydes, and a silylborane leading to α -chiral allylsilanes.



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



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



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

References:

1. *Adv. Synth. Catal.* **2007**, 349, 1185.
2. *Adv. Synth. Catal.* **2008**, 350, 280.
3. *Angew. Chem. Int. Ed.* **2012**, 51, 1228.
4. *Org. Biomol. Chem.*, **2014**, 12, 2745.