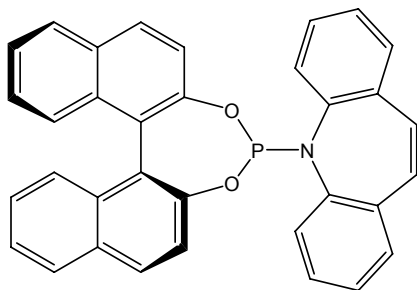
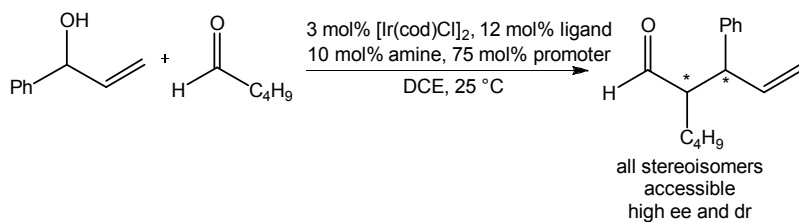


Catalog # 15-1227 (S)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a;3,4-a']dinaphthalen-4-yl)-5H-dibenz[b,f]azepine, min. 97%

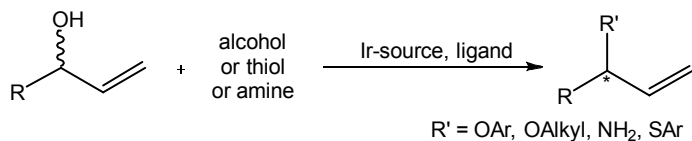


Technical Notes:

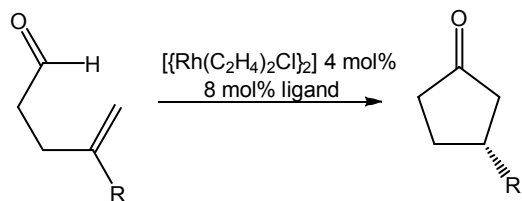
1. The ligand is used in the stereodivergent α -allylation of linear aldehydes with dual iridium and amine catalysis.
2. The ligand used in the direct, enantioselective iridium-catalyzed amination and (thio-) etherification of racemic allylic alcohols.
3. The ligand used in an asymmetric, rhodium-catalyzed, intramolecular hydroacylation reaction.



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



Tech. Note (2)
Ref. (3,4,5)



Tech. Note (3)
Ref. (6)

References:

1. *J. Am. Chem. Soc.*, **2014**, *136*, 3020.
2. *Science*, **2013**, *340*, 1065.
3. *Angew. Chem. Int. Ed.*, **2012**, *51*, 3470.
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5. *Angew. Chem. Int. Ed.*, **2011**, *50*, 5568.
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