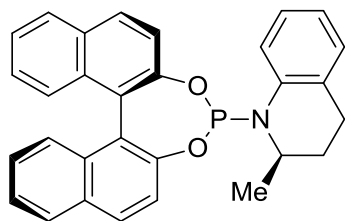


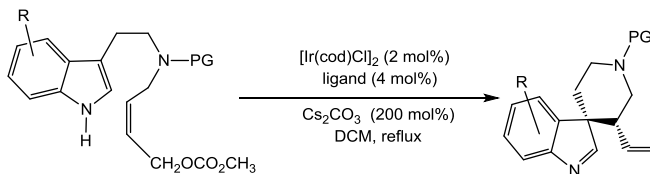
Catalog # 15-7203 (2R)-1-(11bR)-(Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphospepin-4-yl)-2-methyl-1,2,3,4-tetrahydroquinoline, 98%



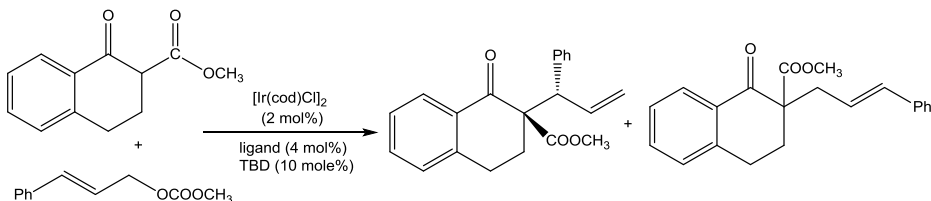
Note: Sold in collaboration with SIOC for research purposes only. Patent ZL200910048438.6.

Technical Notes:

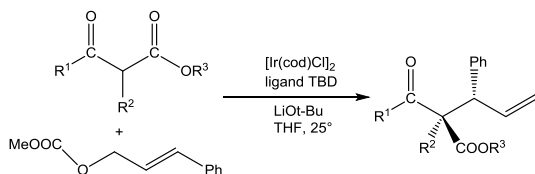
1. Chiral ligand used in the iridium-catalyzed formation of a chiral five-membered ring spiroindolenine.
2. Chiral ligand used in an iridium-catalyzed, enantioselective, allylic alkylation reaction.
3. Chiral ligand used in the iridium-catalyzed, enantioselective functional group substitution at the α -position of β -ketoesters.



**Tech. Note (1)
Ref. (1)**



**Tech. Note (2)
Ref. (2)**



**Tech. Note (3)
Ref. (3)**

References:

1. *J. Am. Chem. Soc.*, **2010**, 132, 11419.
2. *J. Am. Chem. Soc.*, **2013**, 135, 10626.
3. *J. Am. Chem. Soc.*, **2013**, 135, 17298.