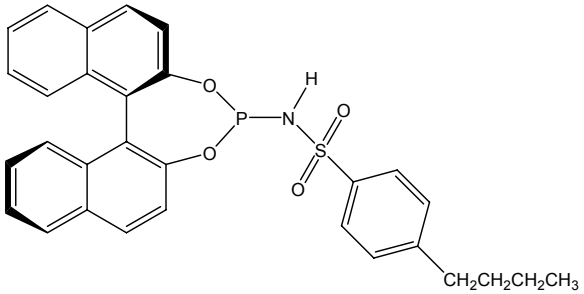
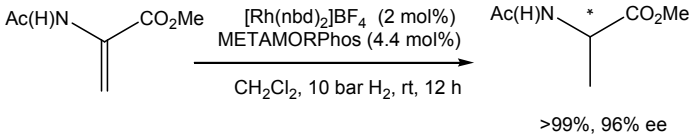
Catalog # B282076 4-Butyl-N-[(11bR)-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-yl]benzenesulfonamide triethylamine adduct, min. 97%



Note: Sold under license from InCatT for research purposes only. WO2009/065856. UREAPhos and METAMORPhos Ligand Kit component.

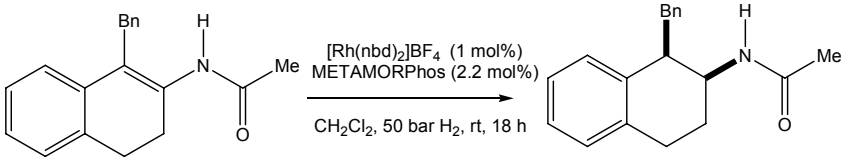
Technical Note:

1. Chiral ligand for the rhodium-catalyzed asymmetric hydrogenation of α-β unsaturated substrates.



>99%, 96% ee

Tech. Note (1)
Ref. (1-3)



56%, >99% ee

Tech. Note (1)
Ref. (1-3)

References:

1. *J. Am. Chem. Soc.,* **2009**, *131*, 6683.
2. *Angew. Chem. Int. Ed.,* **2008**, *47*, 3180.
3. Patent WO2009065856.