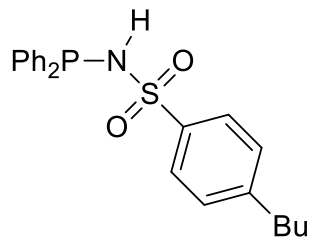


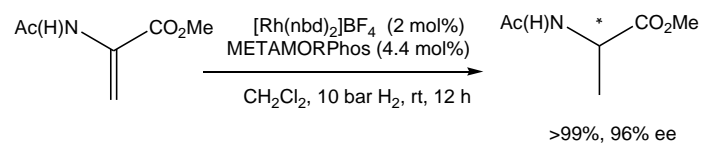
Catalog # 15-2220 4-Butyl-N-(diphenylphosphino)benzenesulfonamide, min. 97%



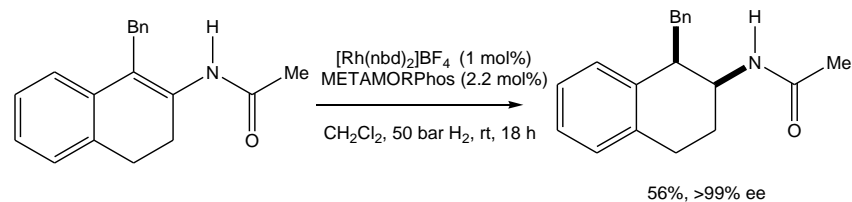
Note: Sold under license from InCatT for research purposes only. WO2009/065856. UREAPhos and METAMORPhos Ligand Kit component.

Technical Note:

1. Chiral ligand for the rhodium-catalyzed asymmetric hydrogenation of α - β unsaturated substrates.
- 2.



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



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.