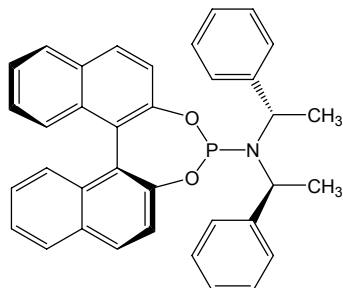


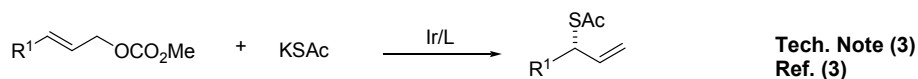
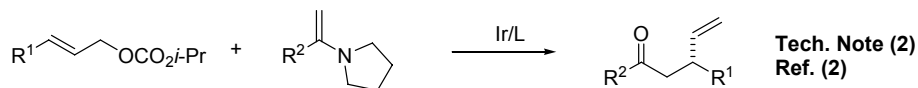
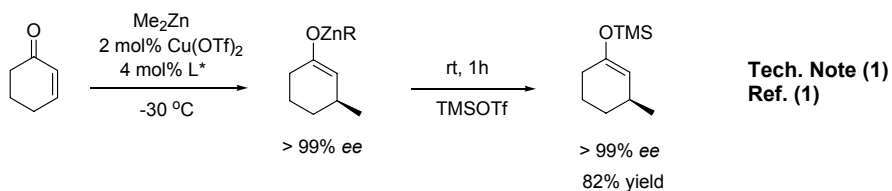
Catalog # 15-1521 (S)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a;3,4-a']dinaphthalen-4-yl)bis[(1S)-1-phenylethyl]amine, min. 95%



Note: Sold in collaboration with DSM for research purposes only. Patent WO 02 04466. DSM's MonoPhos™ Ligand Kit component.

Technical Notes:

1. A ligand for asymmetric conjugate addition of dialkyl zinc reagents to activated olefins.
2. Iridium-catalyzed regioselective and enantioselective allylation of enamines.
3. Iridium-catalyzed asymmetric allylation of KSAc.



References:

1. *Org. Lett.*, **2002**, 4, 3835.
2. *J. Am. Chem. Soc.*, **2007**, 129, 7720.
3. *Eur. J. Org. Chem.*, **2013**, 2708.