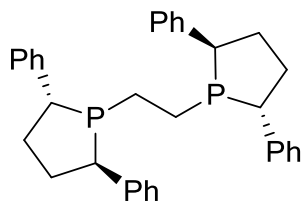
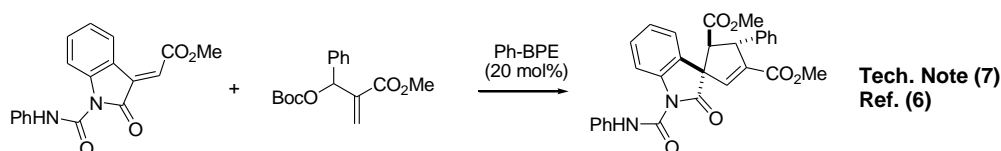
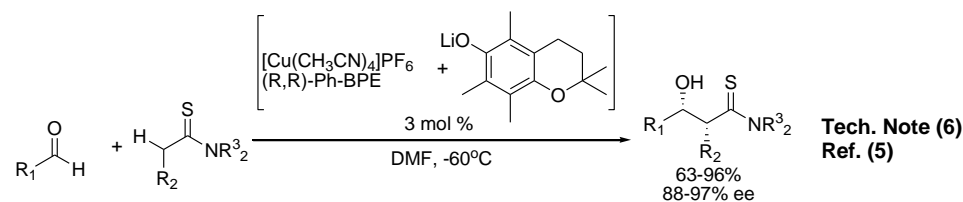
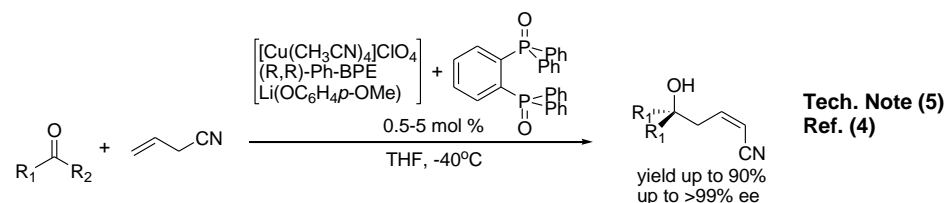
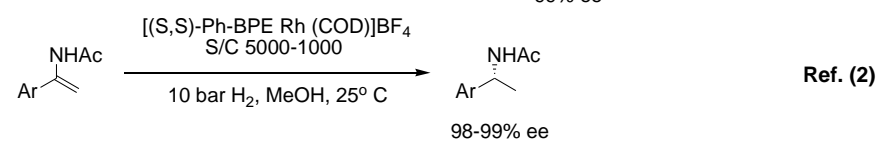
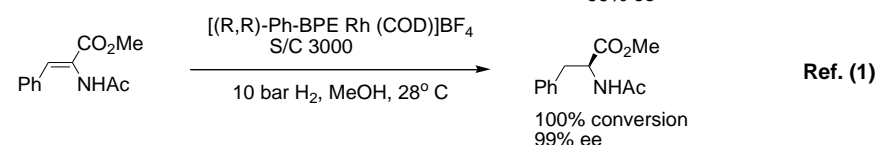
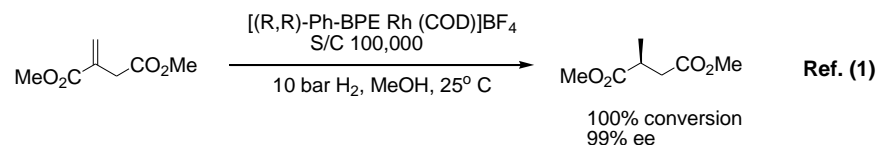


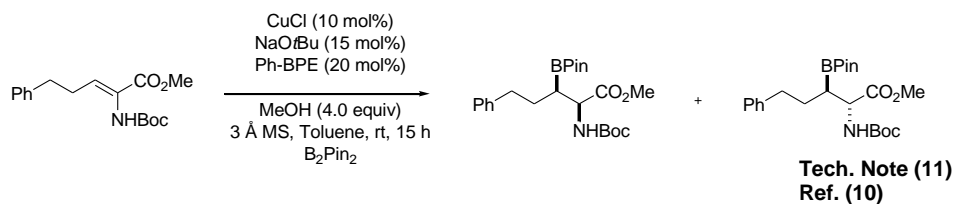
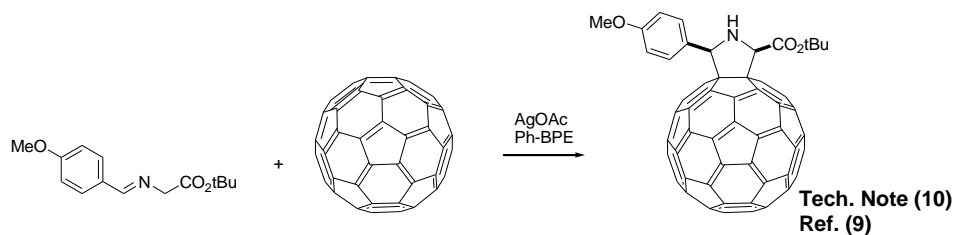
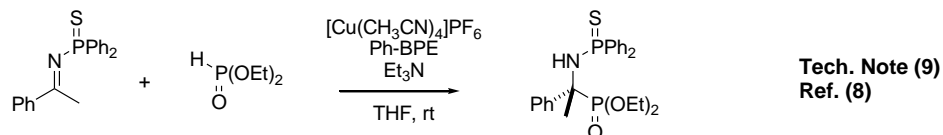
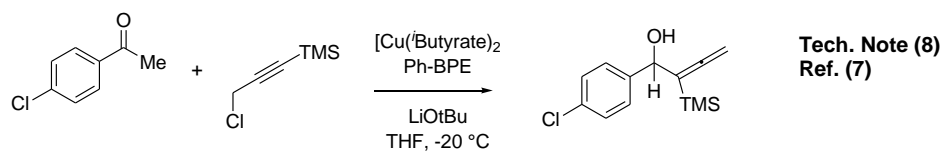
Catalog # 15-0473 (-)-1,2-Bis((2R,5R)-2,5-diphenylphospholano)ethane, min. 95% (R,R)-Ph-BPE



Technical Notes:

1. Phenyl-BPE exhibits enhanced activity and selectivity over existing members of the BPE ligand family in rhodium catalysed asymmetric hydrogenation.
2. This ligand is highly efficient for the hydrogenation of *N*-acyl aryl-enamides.
3. Molar substrate/catalyst ratios of up to 100,000/1 are achieved with excellent reactivity and enantioselectivity using commercial grade substrates and solvents.
4. Ligand in the rhodium-catalyzed asymmetric hydroformylation of olefins.
5. Ligand for asymmetric addition of allyl cyanide to ketones.
6. Ligand for catalytic enantio- and diastereoselective aldol reaction of thioamides.
7. Organocatalytic 3+2 cycloaddition.
8. Site selective allenylation.
9. Asymmetric Phosphonate addition.
10. Hydroboration of enamines.





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