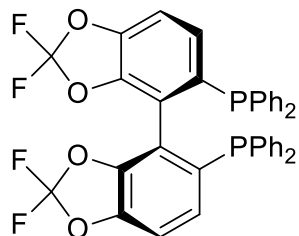


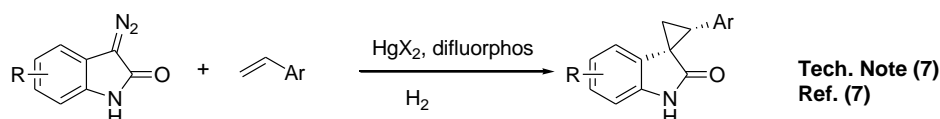
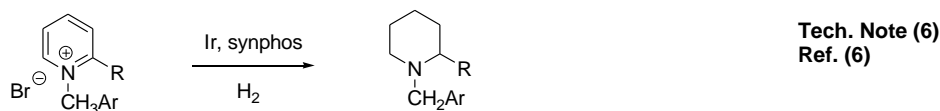
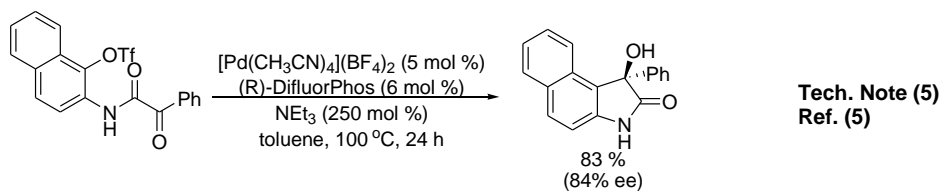
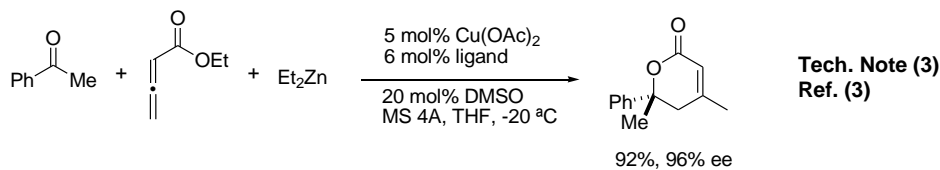
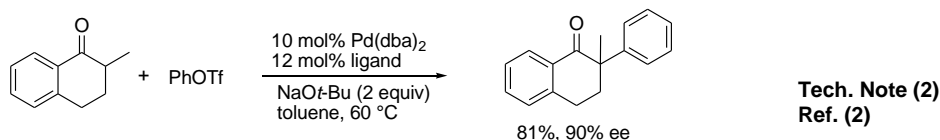
Catalog # 15-0486 R-(-)-5,5'-Bis(diphenylphosphino)-2,2,2',2'-tetrafluoro-4,4'-bi-1,3-benzodioxole, min. 98%, (99% ee), (R)-DIFLUORPHOS

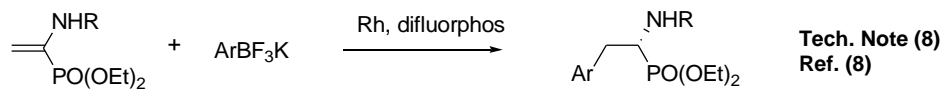


Optical purity: 99.5+%

Technical Notes:

1. Ligand used for the enantioselective hydrogenation of olefins, and especially electron-poor ketones.
2. Ligand used for the enantioselective α -arylation of ketones.
3. Ligand used for enantioselective alkylative aldol reactions.
4. Nickel-catalyzed asymmetric α -heteroarylation of ketones with chloroarenes.
5. Palladium-catalyzed asymmetric intramolecular arylation of α -keto amides.
6. Ligand for Iridium-catalyzed asymmetric hydrogenation of pyridinium salts.
7. Ligand for Hg(II)-Catalyzed Cyclopropanation of Diazooxindoles and Alkenes.
8. Ligand for Rhodium-Catalyzed Asymmetric 1,4-Addition Reactions.





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