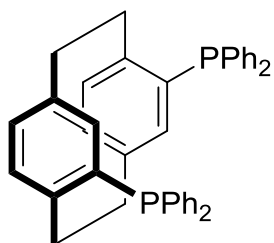
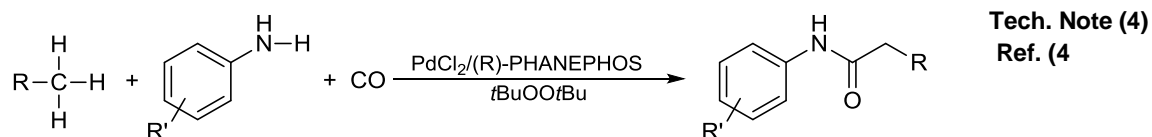
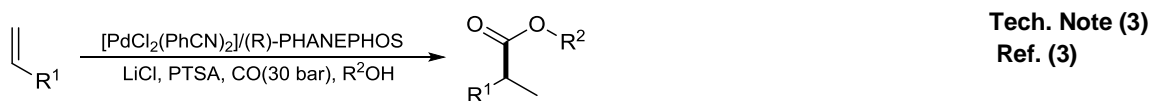
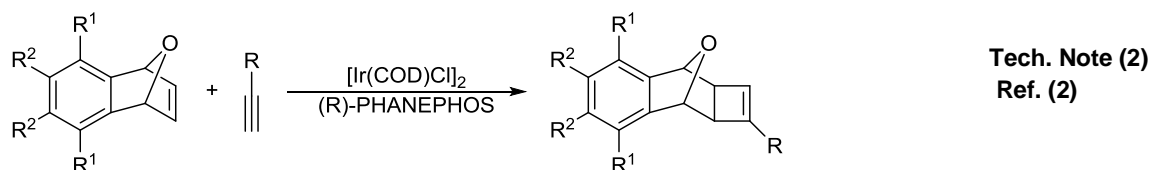
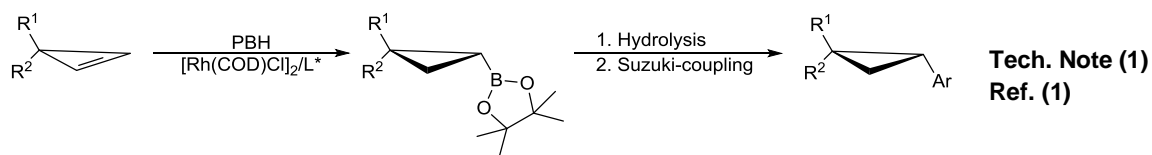


Catalog # 15-0426 (S)-(+)-4,12-Bis(diphenylphosphino)-[2.2]-paracyclophane, min. 95% (S)-PHANEPHOS



Technical Notes:

1. Ligand for rhodium-catalyzed enantioselective hydroboration of cyclopropenes.
2. Ligand for iridium-catalyzed enantioselective [2+2] cycloaddition of oxabicyclic alkenes with terminal alkynes.
3. Ligand for the palladium-catalyzed enantioselective hydroxycarbonylation and alkoxy carbonylation of alkenes.
4. Ligand for the palladium-catalyzed amides synthesis via C(sp³)-H bond functionalization and CO insertion.
5. Ligand for iridium-catalyzed diene hydrohydroxymethylation.



References:

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