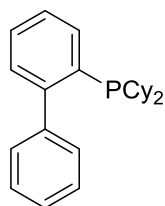


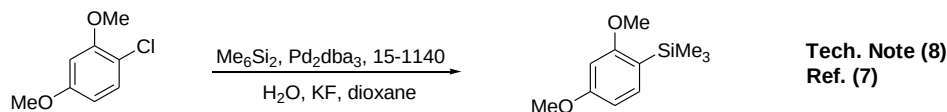
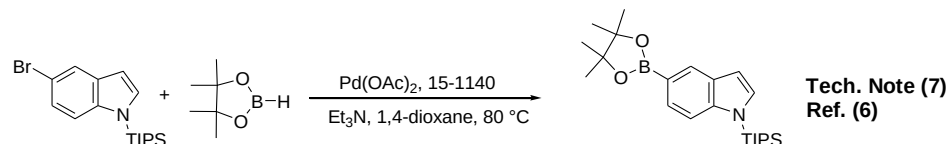
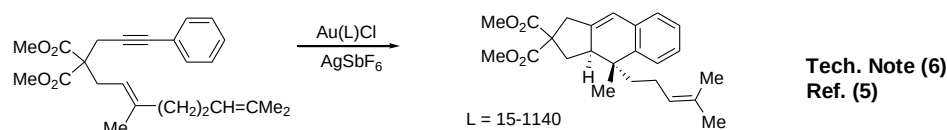
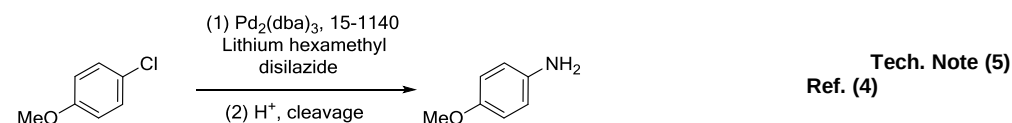
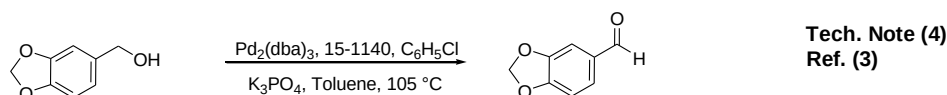
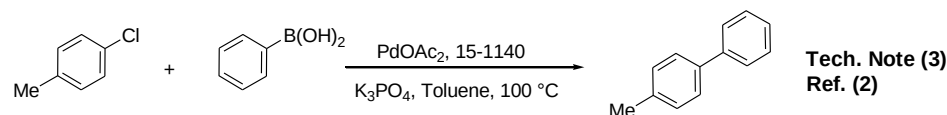
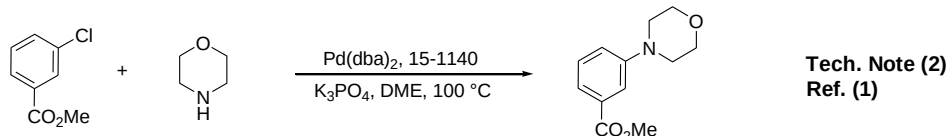
Catalog # D101394 2-(Dicyclohexylphosphino)-1,1'-biphenyl, 98% CyJohnPhos



Note: Buchwald Biaryl Phosphine Ligand Kit component. Patents US 6,395,916, US 6,307,087.

Technical Notes:

1. Ligand used in the palladium-catalyzed synthesis of aromatic amines from aryl chlorides, bromides and triflates.
2. Ligand employed in Suzuki coupling reactions involving aryl chlorides, bromides and triflates.
3. Useful ligand for the Pd-catalyzed oxidation of alcohols in the presence of chlorobenzenes.
4. Useful ligand for the Pd-catalyzed amination with ammonia equivalents.
5. Ligand for the gold(I)-catalyzed intramolecular [4+2] cycloadditions involving 1,3-enynes and arylalkynes with alkenes.
6. Ligand used in the palladium-catalyzed borylation of aryl bromides.
7. Ligand used in the palladium-catalyzed silylation of aryl chlorides.



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