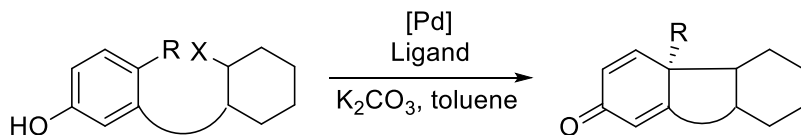
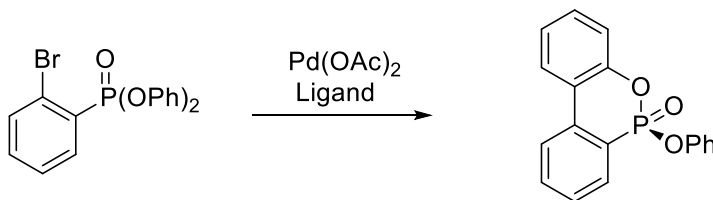


## Technical Notes:

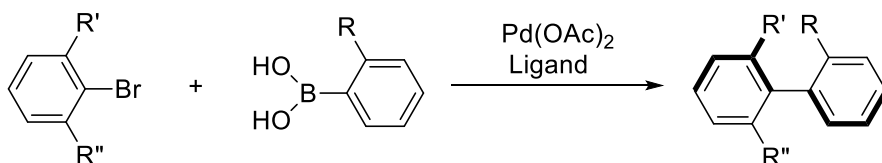
1. Ligand/palladium catalyst for dearomative cyclization
2. Ligand/palladium catalyst for cyclization
3. Ligand/palladium catalyst for Suzuki-Miyaura cross-coupling reactions.
4. Ligand/nickel catalyst for asymmetric intramolecular/intremolecular reductive cyclization
5. Ligand/palladium catalyst for asymmetric cyclization



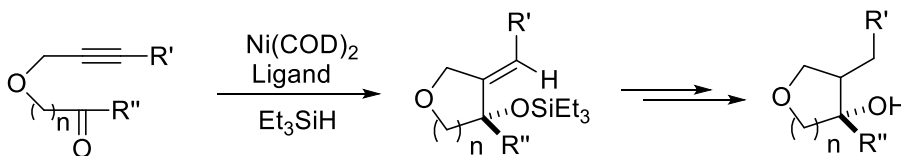
**Tech. Note (1)**  
Ref. (1-4)



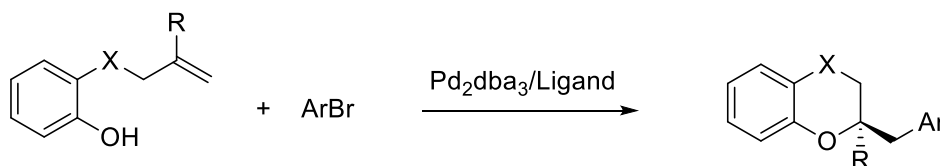
**Tech. Note (2)**  
Ref. (5)



**Tech. Note (3)**  
Ref. (6-7)



**Tech. Note (4)**  
Ref. (8)



**Tech. Note (5)**  
Ref. (9)

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