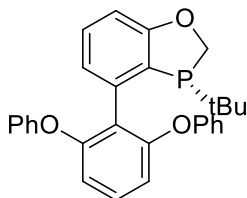
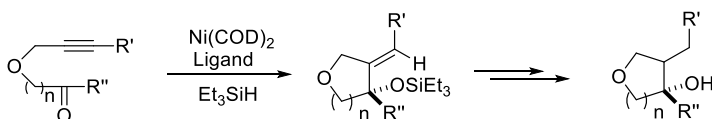


Catalog # 15-6814 (R)-3-(tert-Butyl)-4-(2,6-diphenoxyphenyl)-2,3-dihydrobenzo[d][1,3]oxaphosphole, 97% (>99% ee)

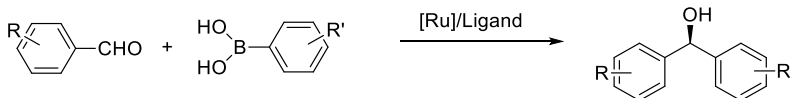


Technical Notes: Ligand used with

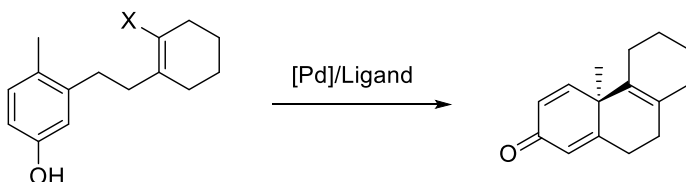
1. Nickel catalyst for asymmetric intramolecular/intermolecular reductive addition.
2. Ruthenium catalyzed asymmetric addition.
3. Palladium catalyst for asymmetric intramolecular cyclization.



**Tech Note (1)**  
Ref. (1,2)



**Tech Note (2)**  
Ref. (3)



**Tech Note (3)**  
Ref. (4,5)

References:

1. *Angew. Chem., Int. Ed.* **2015**, *54*, 2520-2524
2. *Org. Chem. Front.* **2015**, *2*, 1322-1325
3. *J. Org. Chem.* **2013**, *78*, 6350-6355
4. *Angew. Chem., Int. Ed.* **2015**, *54*, 3033-3037
5. *Tetrahedron.* **2016**, *72*, 1782-1786.