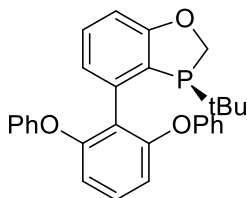
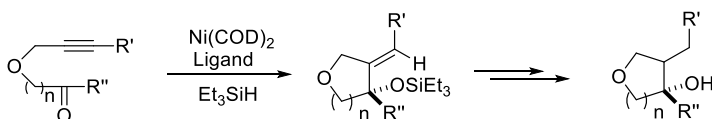


Catalog # 15-6816 (S)-3-(tert-Butyl)-4-(2,6-diphenoxyphenyl)-2,3-dihydrobenzo[d][1,3]oxaphosphole, 97% (>99% ee)

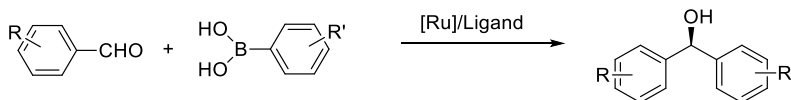


Technical Notes: Ligand used with

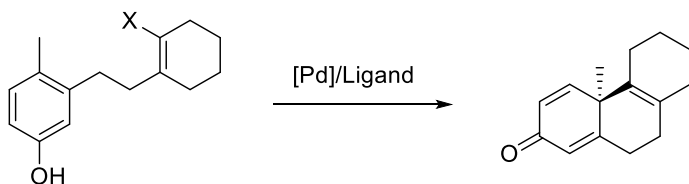
1. Nickel catalyst for asymmetric intramolecular/intermolecular reductive addition.
2. Ruthenium catalyzed asymmetric addition.
3. Palladium catalyst for asymmetric intramolecular cyclization.



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.