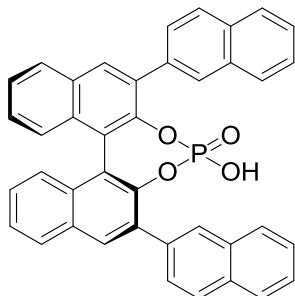
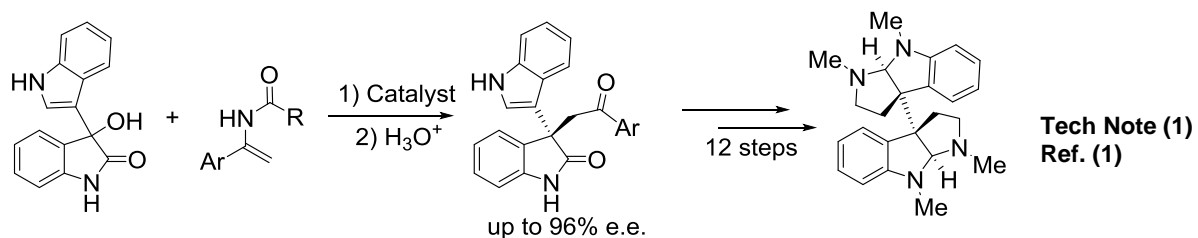


Catalog # 15-1391 (11bS)-4-Hydroxy-2,6-di-2-naphthalenyl-4-oxide-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin, 98%, (99% ee)



Technical Note:

- Nucleophilic Substitution:** Catalyst for the nucleophilic substitution involving 3-hydroxyoxindoles giving 3,3'-disubstituted oxindoles with concomitant generation of an all-carbon quaternary stereogenic center in high yield and excellent enantioselectivity.



Reference:

- Angew. Chem. Int. Ed.*, **2012**, *51*, 1046-1050.