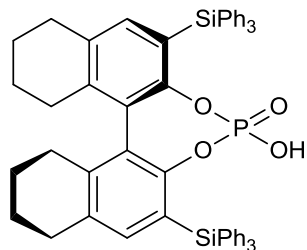
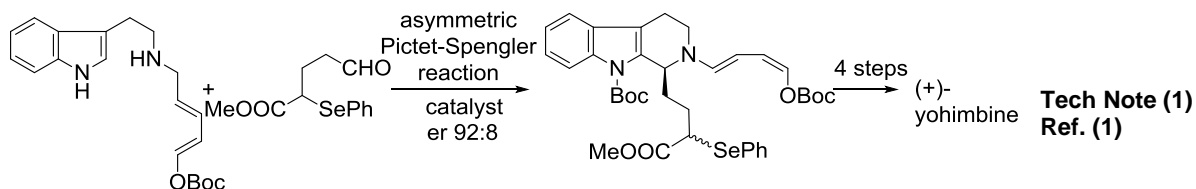


Catalog # 15-0820 (11bR)-8,9,10,11,12,13,14,15-Octahydro-4-hydroxy-2,6-bis(triphenylsilyl)-4-oxide-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin, 98%, (99% ee)



Technical Note:

- Pictet-Spengler Reaction:** The binolphosphoric acid-catalyzed Pictet-Spengler reaction of an N-(5-oxy-2,4-pentadienyl)tryptamine derivative with methyl 5-oxo-2-(phenylseleno)pentanoate leads to the tetrahydro- $\beta$ -carboline in a 92:8 enantiomeric ratio.



Reference:

- J. Org. Chem.*, **2011**, *76*, 8907-8912.