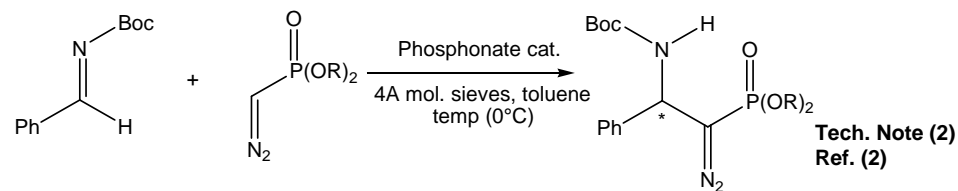
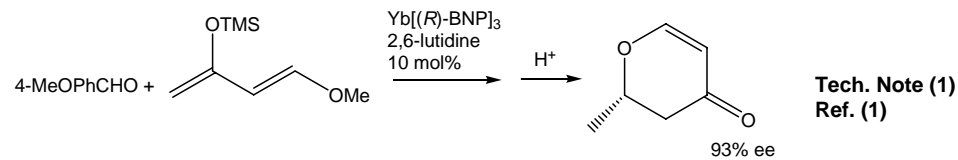


Catalog #15-0053 (S)-(+)-1,1'-Binaphthyl-2,2'-diyl hydrogenphosphate, min. 98%

Technical Notes:

1. Asymmetric hetero Diels-Alder reaction catalyzed by chiral lanthanide(III) complex.
2. Highly efficient Mannich reaction
3. Acidic Resolving agent for certain amine/racemic mixtures. (Ref. 3,4)



References:

1. *Org. Lett.*, **2000**, 2, 49.
2. *Org. Lett.*, **2012**, 14, 2126.
3. *J. Org. Chem.*, **1991**, 56, 485.
4. US 6,162,919.