Catalog # 15-1053 (3R,3'R,4S,4'S,11bS,11'bS)-(+)4,4'-Di-t-butyl-4,4',5,5'-tetrahydro-3,3'-bi-3H-dinaphtho[2,1-c:1',2'-e]phosphin, 97% (S)-BINAPINE

Note: Sold in collaboration with Chiral Quest for research purposes only. Patents pending. Chiral Quest Catalyst and Ligand Toolbox Kit component.

Technical Notes:

1. Rhodium complex used in asymmetric hydroformylation reactions.
2. Ligand-palladium complex used in enantioselective carbonyl-ene reactions.
4. Nickel-catalyzed asymmetric transfer hydrogenation of hydrazones and other ketimines.
5. Nickel/ligand catalyst used in the enantioselective reductive amination of ketones with both arylamines and benzhydrazide.
6. Rh-Binapine and Pd-Binapine complexes form excellent catalysts for asymmetric (transfer) hydrogenation of aryl substituted olefins to form β-amino acids.

技. Note (1) Ref. (1)
技. Note (2) Ref. (2)
技. Note (3) Ref. (3)
技. Note (4)
References: