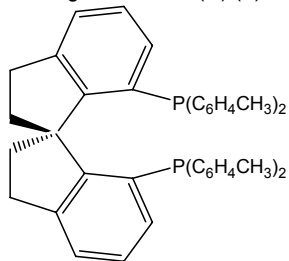


Catalog # 15-5180 (R)-(+)-7,7'-Bis[di(4-methylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobiindane, min. 97% (R)-Tol-SDP



Note: Spiro Bisphosphine Ligand Kit component.

Technical Notes:

1. Ligands used for the ruthenium-catalyzed hydrogenation of simple and cyclic ketones with high activity and enantioselectivity.
2. Ligands used for palladium-catalyzed asymmetric allylic alkylations.

References:

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2. *J. Org. Chem.*, **2005**, *70*, 2967.
3. *Adv. Synth. Catal.*, **2004**, *346*, 625.