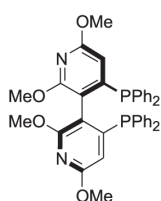


Asymmetric Hydrogenation Ligand/Catalyst Kit

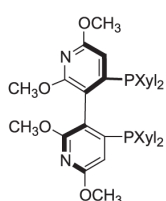
12 PIECE SAMPLE KIT (44780)

- Contains products that are commercially available and IP accessible
- Excellent tool for screening projects
- Each kit contains 500mg of both enantiomers of each ligand and 100mg each of the preformed catalysts
- Individual ligands and catalysts are also available from stock

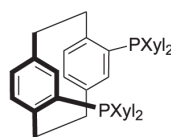
Ligands



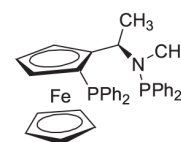
44610 (R)-P-Phos
44609 (S)-P-Phos



44613 (R)-Xyl-P-Phos
44614 (S)-Xyl-P-Phos

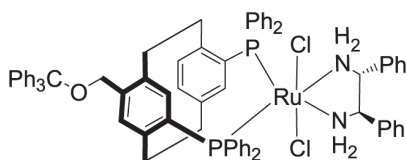


44615 (R)-Xyl-PhanePhos
44616 (S)-Xyl-PhanePhos

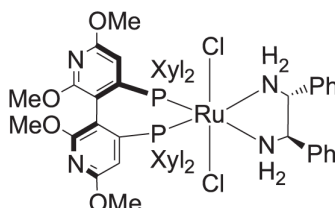


44684 (R)-Me-BoPhoz™
44685 (S)-Me-BoPhoz™

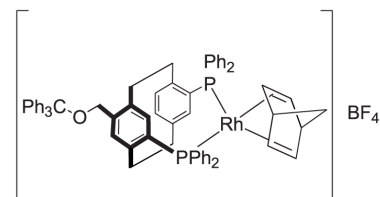
Catalysts



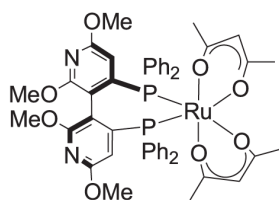
44803
(S)-Paraphos RuCl₂ (R,R)-DPEN



44802
(R)-Xyl-P-Phos RuCl₂ (R,R)-DPEN



44801
[(S)-Paraphos Rh(NBD)]BF₄



44800
(R)-P-Phos Ru(acac)₂

These materials may be handled and weighed in air but are best stored under inert condition. Controlled reaction conditions are required, i.e. degassed solvents. It is recommended that the catalysts are studied in a selection of solvents. The Ru-diamine catalysts should be tested under anhydrous conditions with a selection of bases in isopropanol.