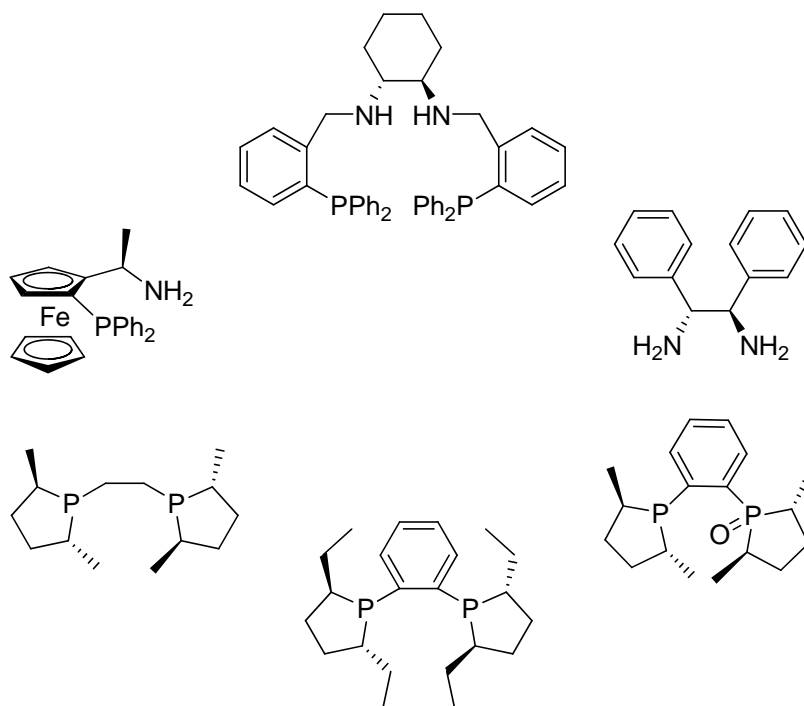


Asymmetric Synthesis and Catalysis

The most effective chiral catalysts are developed through intuitive and extensive modifications of the steric and electronic properties of their supporting ancillary ligands. In order to have a variety of products for the wide range of catalytic transformations encountered in the pharmaceutical industry, Kamal Pharmachem has developed a range of chiral ligands and catalysts to support each type of transformation in its portfolio. Kamal Pharmachem offers a broad range of chiral, proprietary and non-proprietary ligands and catalysts available for screening and use.



Our ligand portfolio includes phospholanes (DuPhos, BPE and Ferrolane), diamines, tosyldiamines, aminodiphosphines, aminophosphines, diaminodiphosphines and biaryl diphosphines. In addition, a variety of preformed catalysts containing these ligands are also readily available. All products are available in gram to kilogram quantities.