Rhodium-Catalyzed Asymmetric Addition of Trifluoroborates to Sulfonylketimines

**Significance:** Easily accessible potassium organotrifluoroborates undergo a rhodium-catalyzed asymmetric addition to both N-tosyl and N-nosyl ketimines. The use of a chiral bicyclooctadiene-based ligand allows high enantiomeric excess in the product formation.

**Comment:** In the case of nosyl groups, the addition products can easily be deprotected using thiophenol-potassium carbonate, retaining the enantiomeric purity. For related applications of dienic ligands, see: K. Okamoto, T. Hayashi, V. H. Rawal. Org. Lett. **2008**, 10, 4387.