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He shoots, he scores!

Efficient rhodium(III) catalysts for the asymmetric hydrogenation of simple olefins without any directing groups are described by K. Mashima et al. in their Communication on page 8299 ff. Chloride-bridged dinuclear rhodium(III) complexes bearing chiral diphosphine ligands offer targeted asymmetric hydrogenation of (*E*)-propene-1,2-diyldibenzene and its derivatives, as well as allylic alcohols, alkenylboranes, and unsaturated cyclic sulfones.

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