Asymmetric Reduction of α-Amino Ketones Catalyzed by Lewis Acids

**Significance:** The authors developed a metal-catalyzed asymmetric reduction of α-amino ketones using KBH₄ as hydride source. Under mild conditions, desired amino alcohols are obtained with high enantioselectivities.

**Comment:** β-Amino alcohols are important structural motifs in natural or pharmaceutical compounds. The authors also presented a gram-scale version of this reaction and its possible transition state.