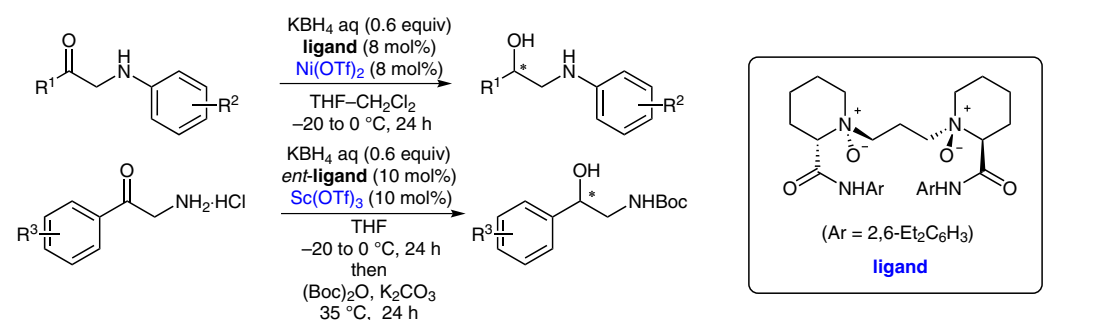
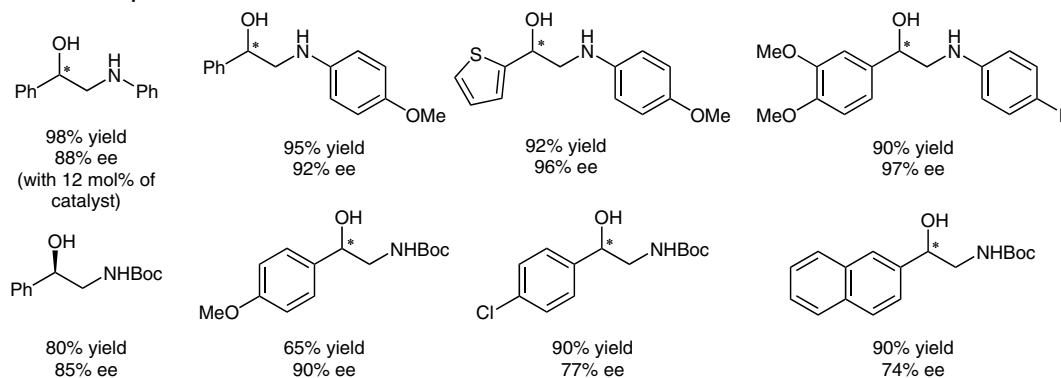


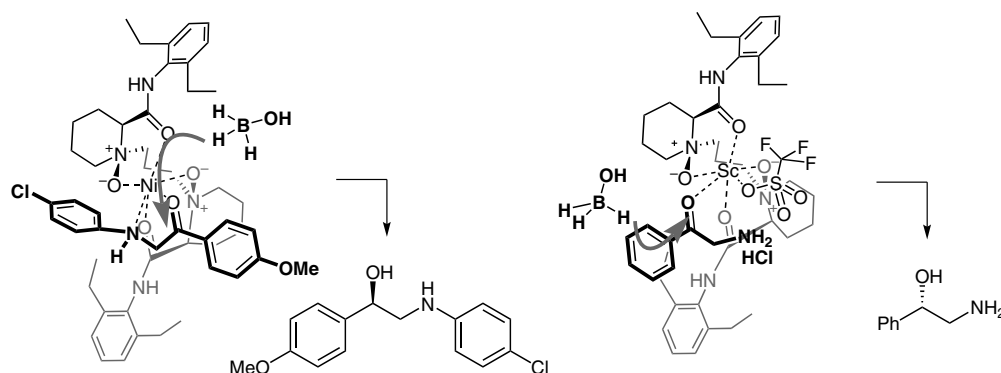
# Asymmetric Reduction of $\alpha$ -Amino Ketones Catalyzed by Lewis Acids



## Selected examples:



## Possible transition state:



**Significance:** The authors developed a metal-catalyzed asymmetric reduction of  $\alpha$ -amino ketones using  $\text{KBH}_4$  as hydride source. Under mild conditions, desired amino alcohols are obtained with high enantioselectivities.

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

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