Asymmetric Catalysis of the Carbonyl–Amine Condensation: Kinetic Resolution of Primary Amines

Kinetic Resolution of Primary Amines through Chiral Phosphoric Acid Catalysis

**Significance:** The List group reports a kinetic resolution of primary amines by selective condensation with a 1,3-diketone. The reaction is catalyzed by a chiral BINOL-derived phosphoric acid. The method is applicable to both benzylamine derivatives and aliphatic substrates.

**Comment:** The authors demonstrated an acid-catalyzed enantioselective carbonyl–amine condensation through a kinetic resolution of primary amines. There is great potential of the observed reactivity in many other transformations.