In this study we present a chemoenzymatic one-pot cascade reaction for the preparation of chiral alcohols and amines.

Scheme 1: Chemoenzymatic one-pot cascade for the preparation of chiral alcohols and amines.

To significantly improve overall process efficiency, the combination of biological and chemical reaction steps in one pot reaction was realized.

Chemoenzymatic multifunction one-pot processes offer a highly attractive concept in the production of chiral alcohols and amines.