Synthesis of Dehydroamino Acids through Stereoselective Elimination

**Significance:** Dehydroamino acids are present in various biologically active natural products. The authors have developed an efficient and stereoselective method for the synthesis of tri- or tetrasubstituted α,β-dehydroamino acids from readily available β-hydroxyamino acids.

**Comment:** Cyclic sulfamidites, derived from readily available β-hydroxyamino acids, are efficient substrates for the stereoselective synthesis of α,β-dehydroamino acids. The developed method was used in a synthesis of the tripeptide side chain of phomopsin A.