Azotide Ligands for Hetero-Diels–Alder Reactions

Significance: Azotides, which are abundantly found as scaffolds in natural products, are known to coordinate metal ions. The author reports new azotide ligands for enantioselective Lewis acid catalysis.

Comment: The ligands were readily prepared from the chiral pool of amino acids and demonstrated enantioselectivity when used as ligands in a cobalt(II)-catalyzed hetero-Diels–Alder reaction.