

We are currently investigating the effect of ligand properties on the *Tsuji-Trost* reaction to enable a method for the synthesis of *N*-heterocycles with the use of bis-electrophiles. There are a few procedures which use either bis-electrophiles or a preceding allylation of amides to synthesize pyrrolidones or dihydropyrroles.<sup>[1,2]</sup> Interestingly, there is little known about base- and additive-free modifications.<sup>[3]</sup> Therefore, we envisaged the cyclising allylation of different amidines with bis-electrophiles. Optimizing ligand properties and reaction conditions have turned out to be crucial for such an achievement in a first screening. The first step of this reaction includes the alkylation of the unprotected nitrogen, which thereafter triggers the allylic alkylation of the  $\alpha$ -carbon. We have monitored that the  $pK_a$  of the  $\alpha$ -hydrogen plays only a minor role for an efficient allylation. Additional investigations on this reaction include the substrate scope and the use of different bis-electrophiles.