Corrigendum to "An enantioselective approach to the Biginelli dihidropyrimidinone condensation reaction using $CeCl_3$ and $InCl_3$ in the presence of chiral ligands" [*Arkivoc*,**2003**, *(xi)* 16-26]

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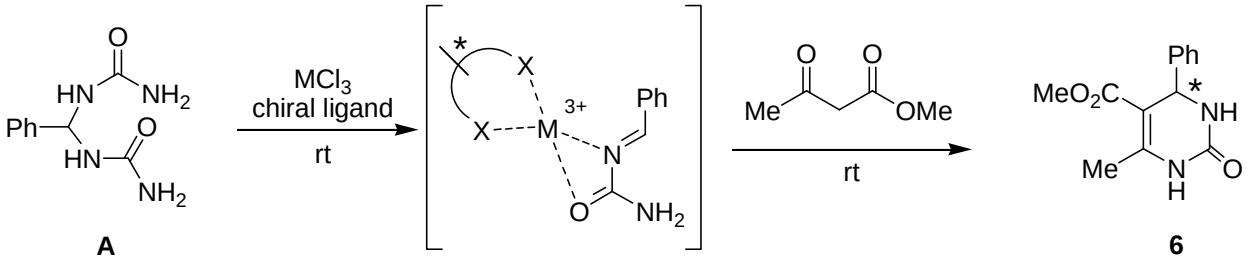
We recently noticed that the correct structure for compound **16** (Schemes 6 and 7, and Table 4) corresponds to bis-urea **A**, reported by Kappe some years ago [Kappe, C. O. *J. Org. Chem.* **1997**, *62*, 7201]. While bis-urea **A** converts to the required benzyledene urea intermediate under the acidic conditions employed for the two-component variation of the Biginelli reaction described in Table 4, it is convenient to modify the order of addition: a mixture of bis-urea **A**, 2.0 equiv. of the Lewis acid, and 0.2 equiv. of the chiral ligand were stirred at ambient temperature for one hour before the addition of 1.0 equiv. of methyl acetoacetate, followed by further stirring at ambient temperature for 72 h (Scheme 1). In our hands, chiral ligand (*R*,*R*)-**13** affords racemic dihydropyrimidinone **6** with $InCl_3$ catalysis, and 4% ee product **6** when under $CeCl_3$ catalysis. By contrast, (*S*,*S*)-**14** gives **6** with 4% ee ($InCl_3$) and 14% ee ($CeCl_3$). The major isomer was the (*R*) enantiomer in all cases.



Scheme 1. Modified two-component Biginelli reaction protocol.

Regarding the three-component protocol (Tables 1-3), suitable activators are $InCl_3$ (1.0 and 0.2 equiv.) and $CeCl_3$ (1.0 equiv.). No significant reaction takes place when 0.2 equiv. of $CeCl_3$ was used.

