Corrigendum

Asymmetric Mannich Reaction of Fluorinated Ketoesters with a Tryptophan-Derived Bifunctional Thiourea Catalyst

X. Han, J. Kwiatkowski, F. Xue,
K.-W. Huang,* Y. Lu* ______ **7604–7607**

Angew. Chem. Int. Ed. **2009**, *48*

DOI 10.1002/anie.200903635

The authors of this Communication (10.1002/anie.200903635) have recognized an error in Figure 1, which was inadvertently replaced by a model structure. The correct Figure 1 is shown below.

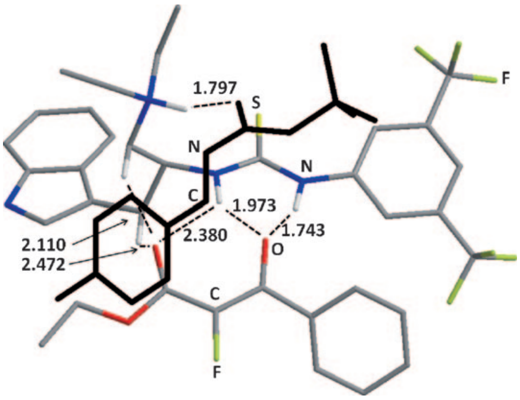

Figure 1. Intermediate **IMa** formed from **1 a**, **2 a**, and **Trp-1**. Hydrogen-bond distances are given in Å (non-hydrogen-bonded hydrogen atoms were omitted for clarity).

The text which refers to Figure 1 (page 7605, right column) is also incorrect. It should read: “We carried out density functional theory calculations to elucidate the stereochemical outcome of this novel Mannich reaction.[12] Our preliminary efforts were focused on the identification of the structure of the pre-transition-state complex. Complex **IMa** (for the formation of **3 a**) was located as the most plausible intermediate. With a C—C bond distance of 3.637 Å, it is ready to undergo the bond-forming step (Figure 1). The diethylamino group of **Trp-1** could first deprotonate **1a** to yield an ammonium group. Nonclassical C—H···O interactions were observed, which might presumably assist the thiourea moiety in binding the resulting ketoenolate. The ammonium group could later direct and bind the incoming imine to bring it into proximity with the ketoenolate in a locked conformation.”

The authors would like to point out that this error does not affect the interpretation of results in the Communication.