Supporting Information for

2-Unsubstituted Imidazole N-oxides as Novel Precursors of Chiral 3-Alkoxyimidazol-2-ylidenes Derived from trans-1,2-Diaminocyclohexane and Other Chiral Amino Compounds

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**Figure S5.** Kinetics of triazine-formaldimine 4b/4'b equilibration after dissolution in CDCl$_3$ monitored by $^1$H NMR integration. Content of triazine is shown in red dots, and the content of monomeric formaldimine in black squares. Decay curves were fitted with $t_{1/2}$ value of 30 s.

**Figure S6.** Overlays of NMR spectra (600 MHz, CDCl$_3$, NS=1) of 4b/4'b taken at various intervals after dissolution and placing in the instrument and initiating measurement (accounting for approx. 15-20 s). Shown spectra bottom to top were collected after consecutive 19.3 s increments.
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