Supplementary Materials

$^1$H and $^{13}$C NMR spectra of guanidine-bisurea bifunctional organocatalysts 11 and 12.

**Figure S1.** Copies of $^1$H and $^{13}$C NMR spectra of (2S,16S)-11a.
Figure S2. Copies of $^1$H and $^{13}$C NMR spectra of (2S,16S)-11b.
Figure S3. Copies of $^1$H and $^{13}$C NMR spectra of (2S,16S)-11c.
Figure S4. Copies of $^1$H and $^{13}$C NMR spectra of (2S,16S)-11d.
Figure S5. Copies of $^1$H and $^{13}$C NMR spectra of (2S,16S)-11e.
Figure S6. Copies of $^1$H and $^{13}$C NMR spectra of (2S,6S,12S,16S)-12a.
**Figure S7.** Copies of $^1$H and $^{13}$C NMR spectra of (2R,6S,12S,16R)-12b.
Figure S8. Copies of $^1$H and $^{13}$C NMR spectra of (2R,6S,12S,16R)-12c.
Figure S9. Copies of $^1$H and $^{13}$C NMR spectra of $(2R,6S,12S,16R)-12d$. 
Figure S10. Copies of $^1$H and $^{13}$C NMR spectra of (2R,6S,12S,16R)-12e.

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