Supporting Information

Imidazolium-based ionic liquids decorated zinc porphyrin catalyst for converting CO₂ into five-membered heterocyclic molecules

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Figures

**Figure S1.** UV-Vis spectrum of the (a) **IL-TPP** and (b) **IL-ZnTPP**

**Figure S2.** MALDI-TOF/MS spectrum of the **IL-ZnTPP**
Figure S3. $^1$H NMR spectra of the fresh (a) and recycled (b) IL-ZnTPP

Figure S4. FTIR spectra of the fresh (a) and recycled (b) IL-ZnTPP
NMR Spectra

The $^1$H NMR and $^{13}$C NMR spectral copies of various synthesized cyclic carbonates:
The $^1$H NMR and $^{13}$C NMR spectral copies of various synthesized aziridines:
The $^1$H NMR and $^{13}$C NMR spectral copies of various synthesized 5-substituted oxazolininones: