## Supporting Information



Fig. S1 <sup>13</sup>C NMR spectrum of [EimC<sub>4</sub>SO<sub>3</sub>H]HSO<sub>4</sub>





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Fig. S3 <sup>13</sup>C NMR spectrum of [EimC<sub>4</sub>SO<sub>3</sub>H]NTf<sub>2</sub>



Fig. S4 <sup>1</sup>H NMR spectrum of [EimC<sub>4</sub>SO<sub>3</sub>H]NTf<sub>2</sub>



Fig. S5 The GC of DBT before extraction and after extraction



Fig. S6 <sup>1</sup>H NMR spectrum of [EimC<sub>4</sub>SO<sub>3</sub>H]NTf<sub>2</sub> after extraction