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Brønsted acidic ionic liquids of aza-crown ether complex cations: Preparation and applications in organic reactions

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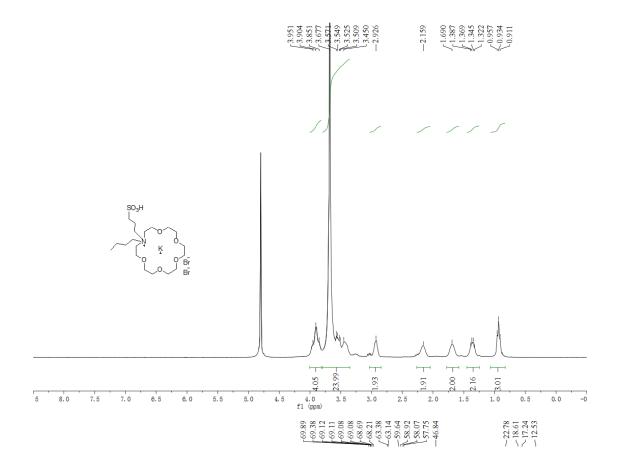
State Key Laboratory of Applied Organic Chemistry, College of Chemistry and Chemical Engineering, LanzhouUniversity, Lanzhou, Gansu, 730000, China

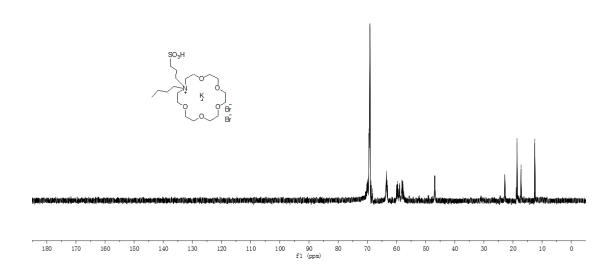
E-mail address: hwjing@lzu.edu.cn (H Jing)

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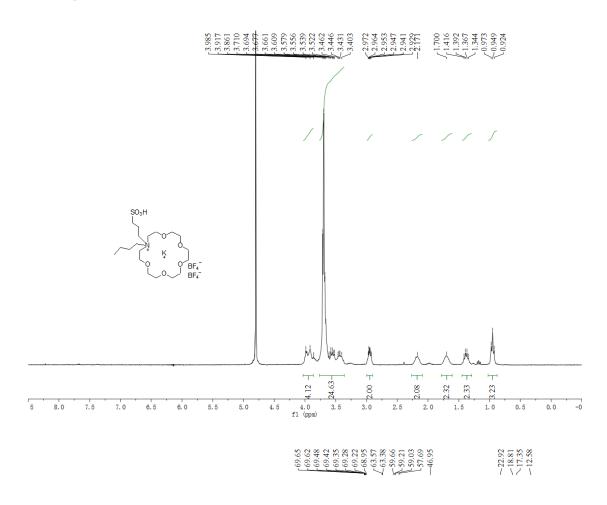
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IR Spectra of New aCECILs.	7s
TG-DTA	9s
MASS Spectra	12s

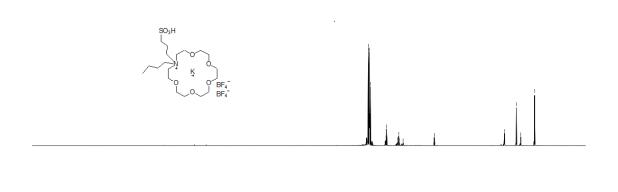
NMR Spectra of aCECIL-1: D₂O as solvent



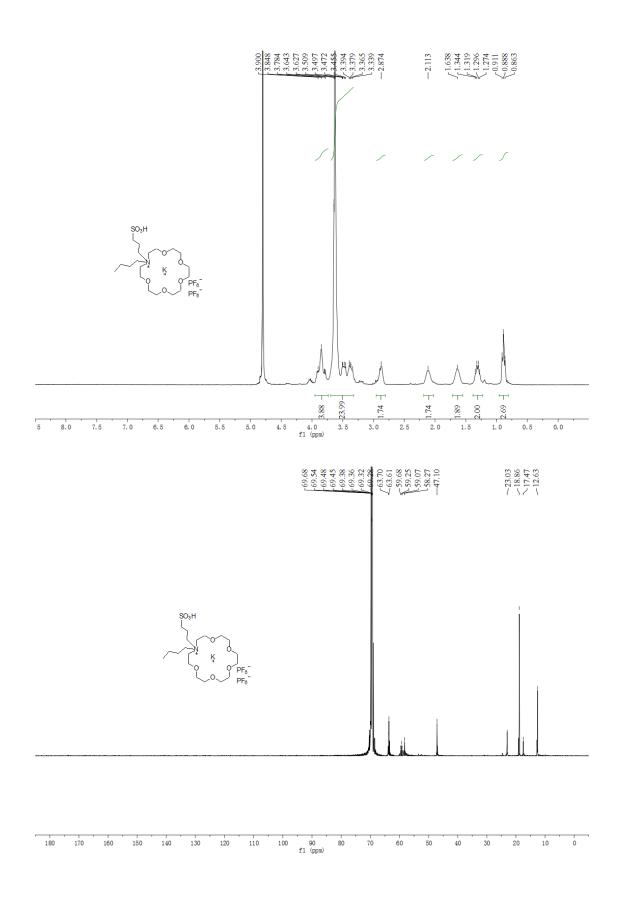


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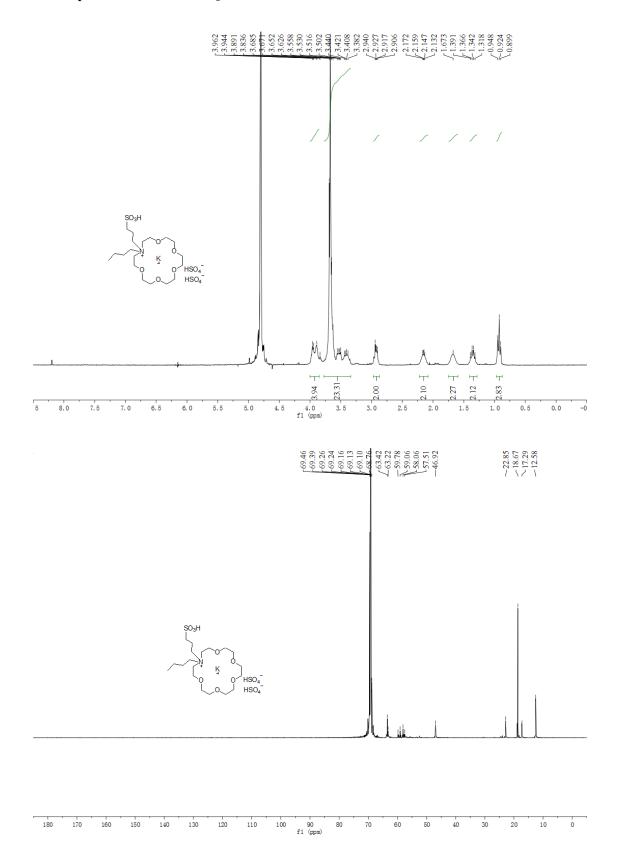




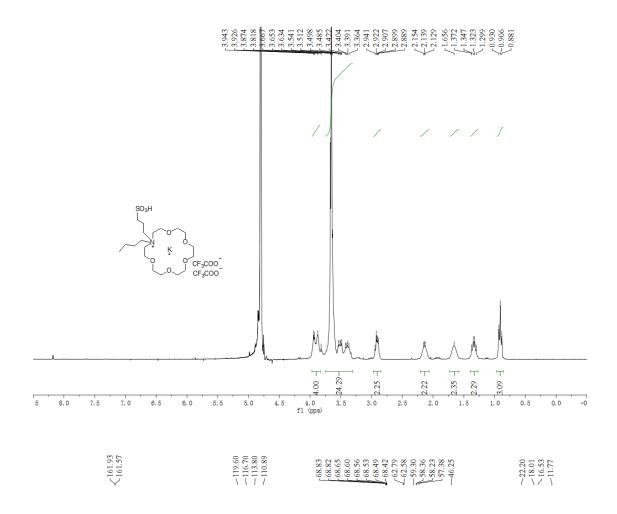
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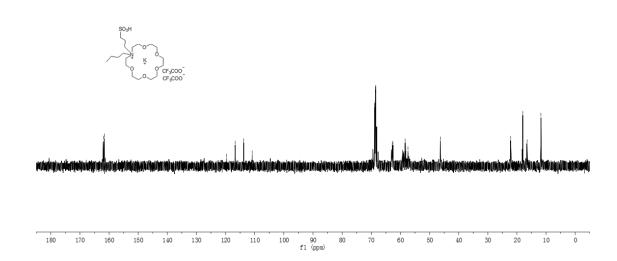


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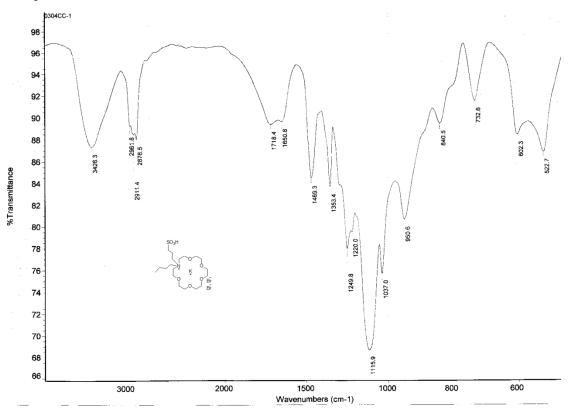


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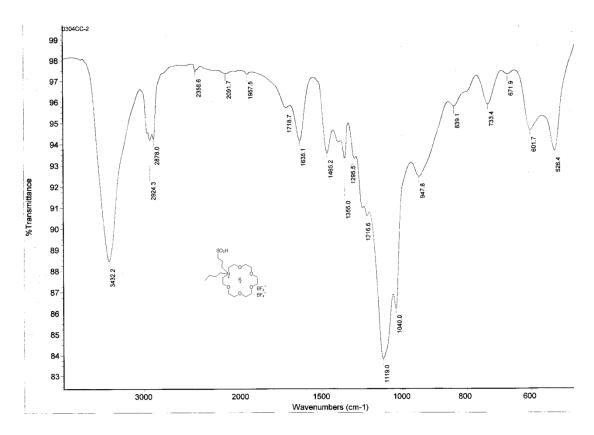




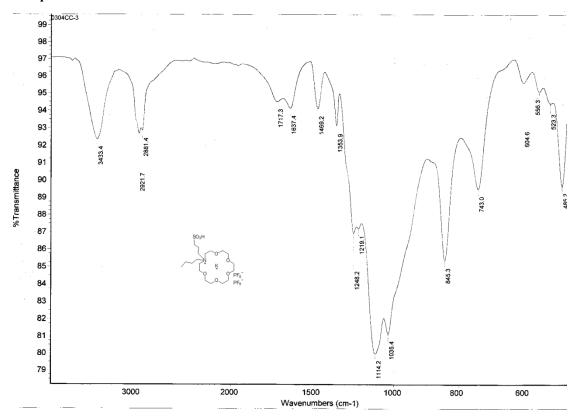
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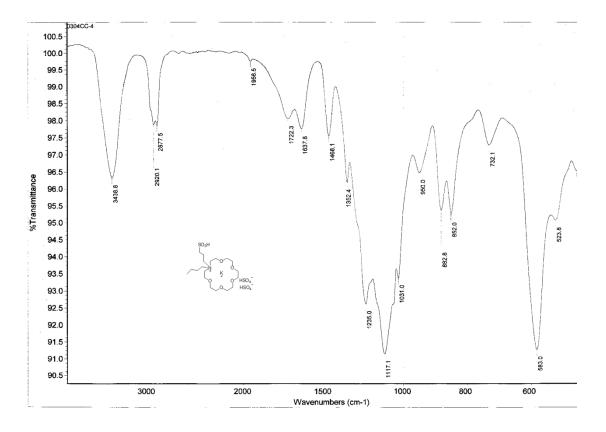
IR Spectra of aCECIL-2



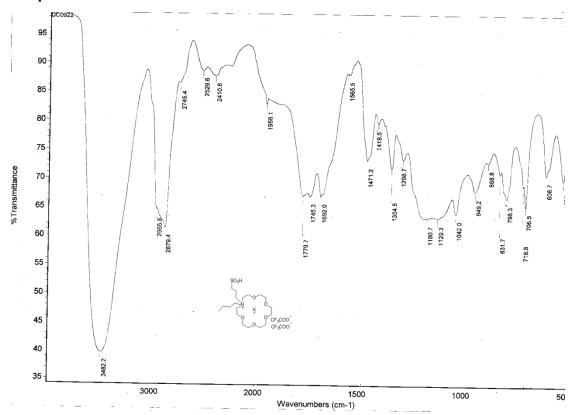
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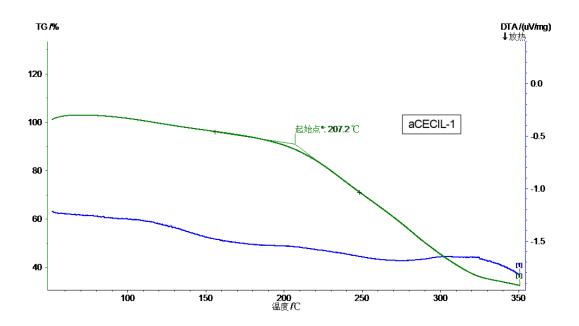
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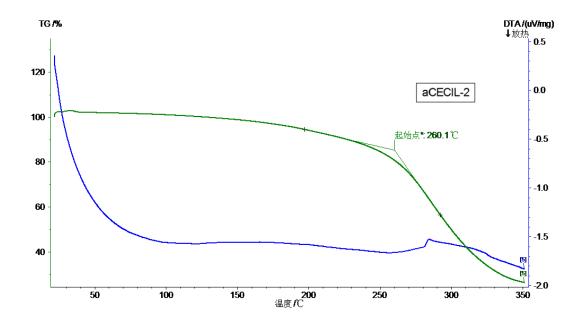


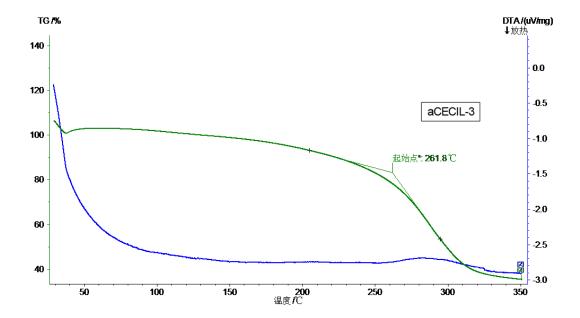
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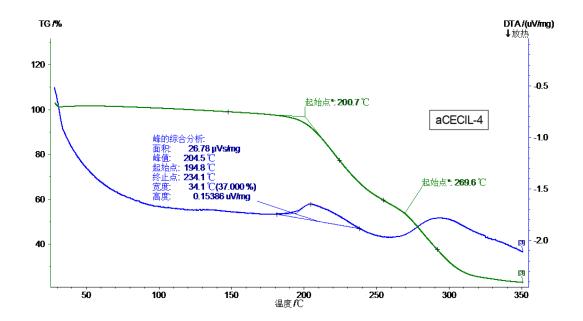


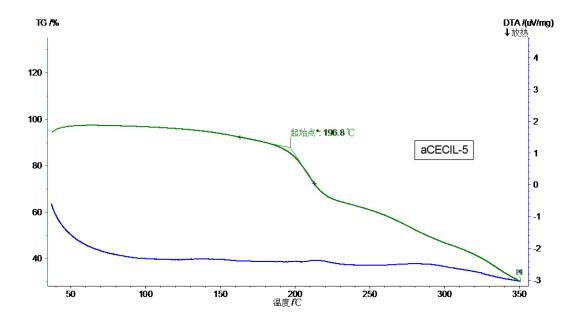
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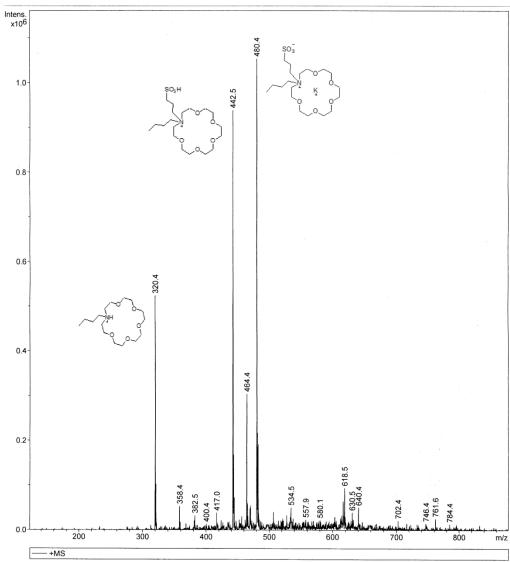
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Instrument



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