Basic polymerized imidazolide-based ionic liquid: An efficient

catalyst for aqueous Knoevenagel condensation

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Supplementary data

1.1H NMR spectrum of the BPIL

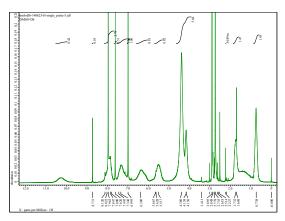


Fig. 1 ¹H NMR spectrum of the BPIL

¹H NMR spectral data of 1-[(4-ethenylphenyl) methyl]-3-propylimidazolium imidazolide (BPIL) was showed in Fig. 1. However, there are many pimpled peaks in the NMR spectrum becauce BPIL is a polymer with a high degree of polymerization. Some other peaks are founded for no further purification of BPIL. Therefore, the electron spray ionization mass spectrometry under the negative mode was provided for further structural determination.

2. The mass spectrum of BPIL under the negative ion mode

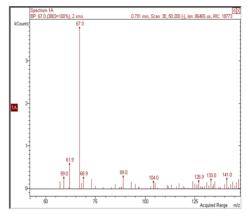


Fig. 2 The mass spectrum of BPIL under the negative ion mode

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