

Supplementary Data

Anionic Structural Effect on the Dissolution of Arabinoxylan-Rich Hemicellulose in 1-Butyl-3-Methylimidazolium Carboxylate-Based Ionic Liquids

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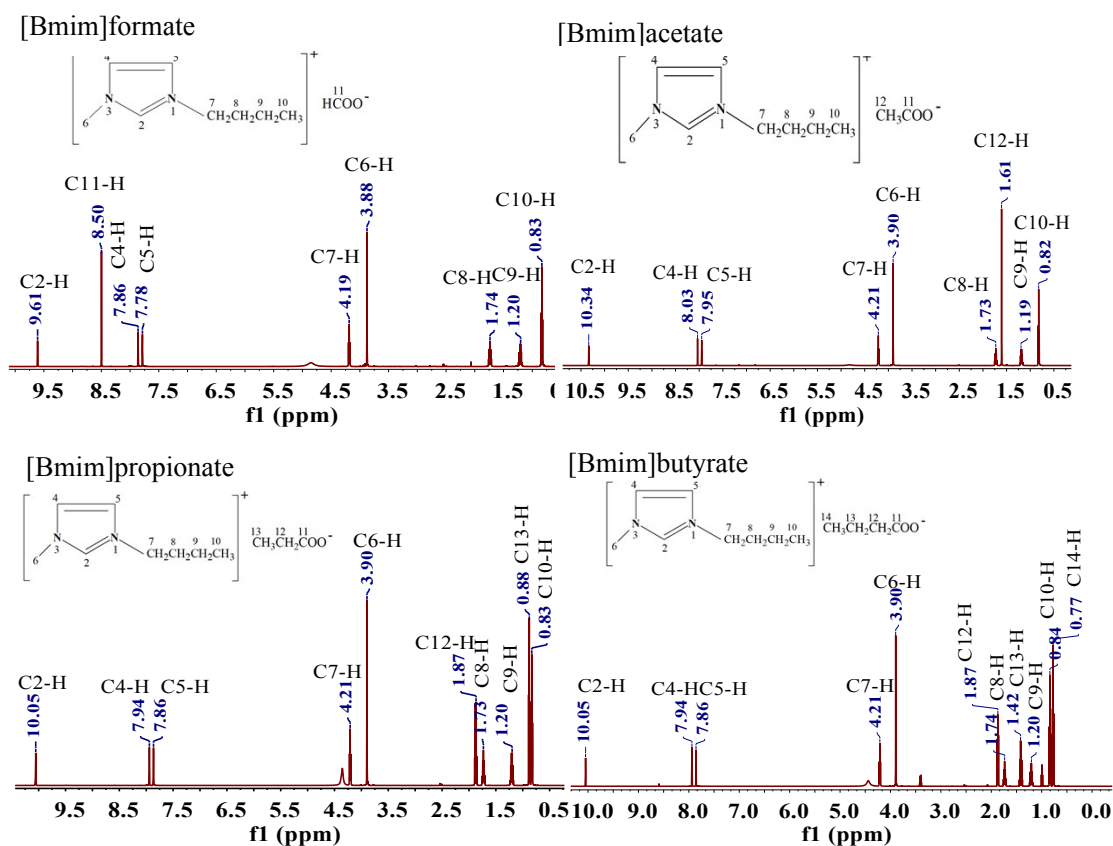


Fig. S1 ¹H NMR spectrum of pure ILs.

[Bmim]formate

[Bmim]acetate

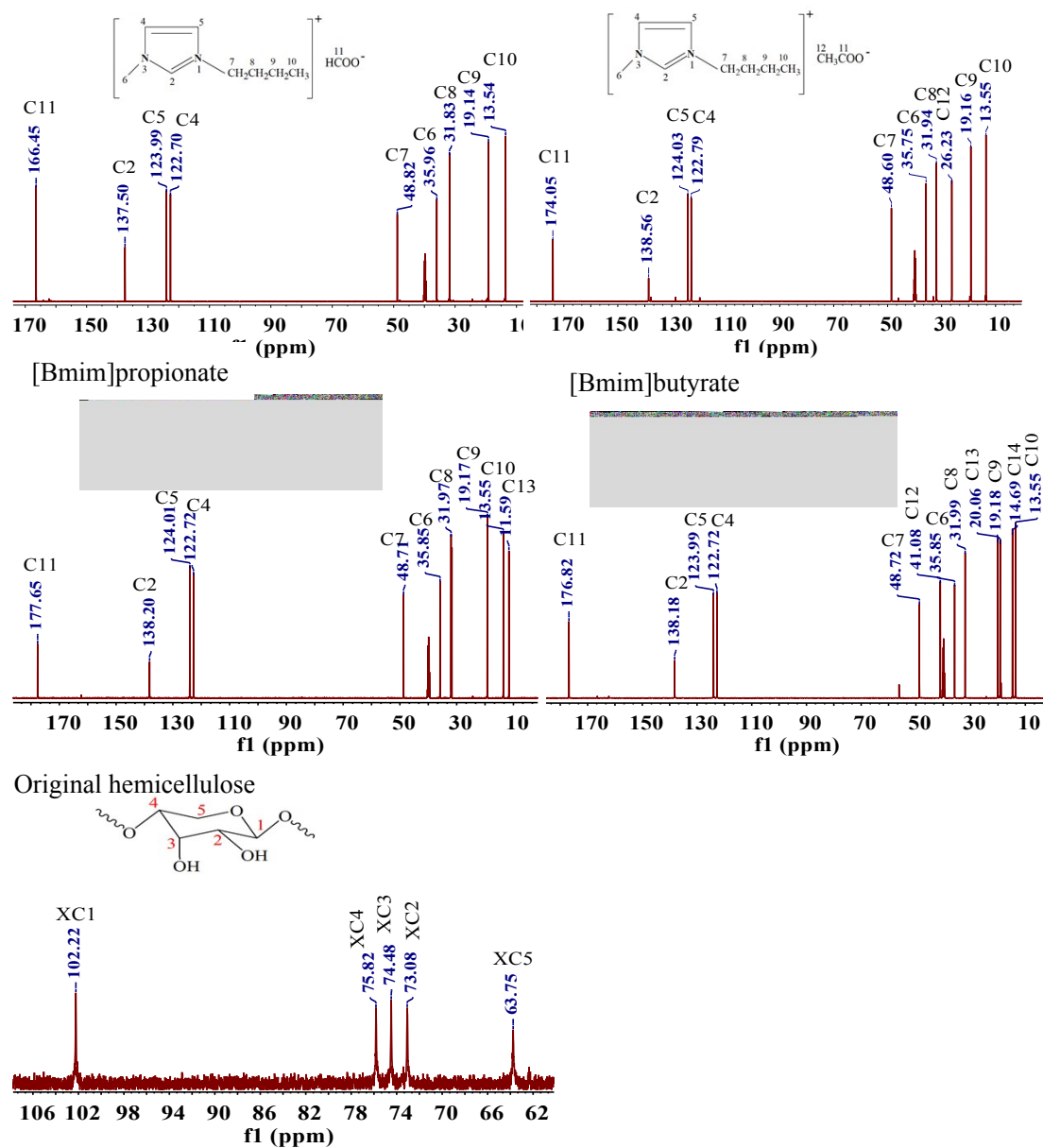


Fig. S2 ¹³C NMR spectra of pure ILs and original hemicellulose.

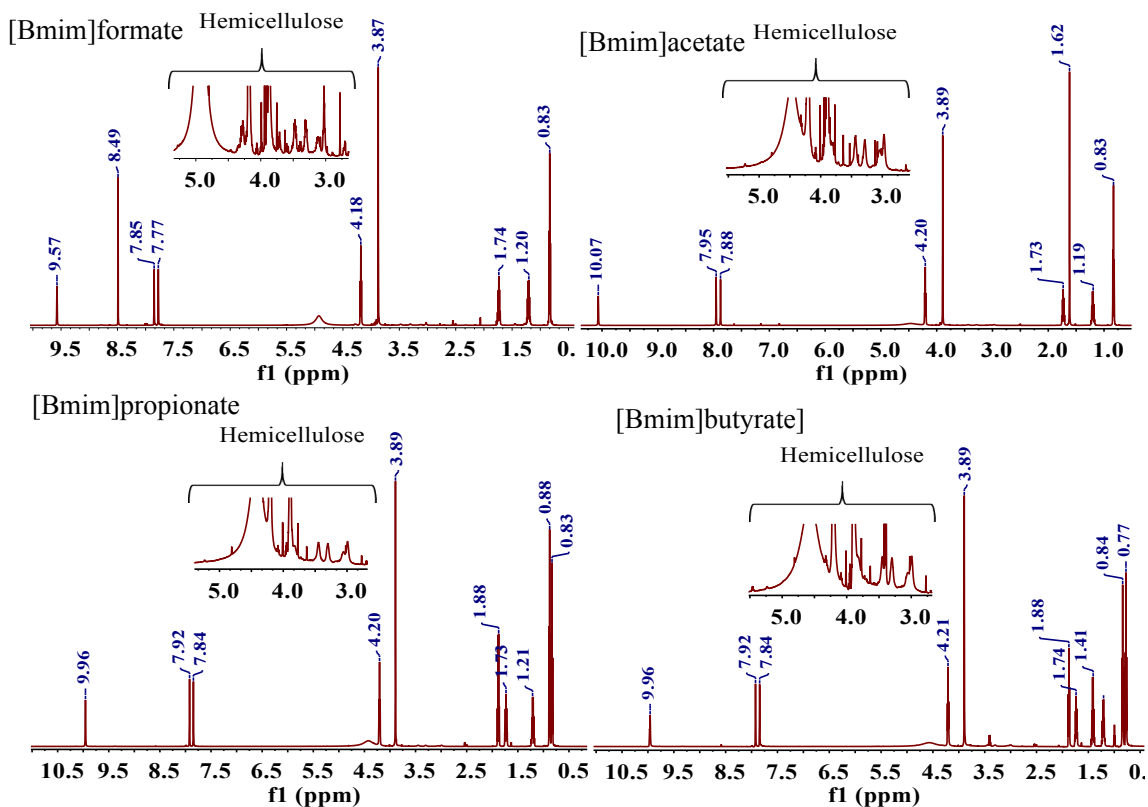


Fig. S3 ^1H NMR spectra of the mixtures of 10 wt% hemicellulose and ILs.

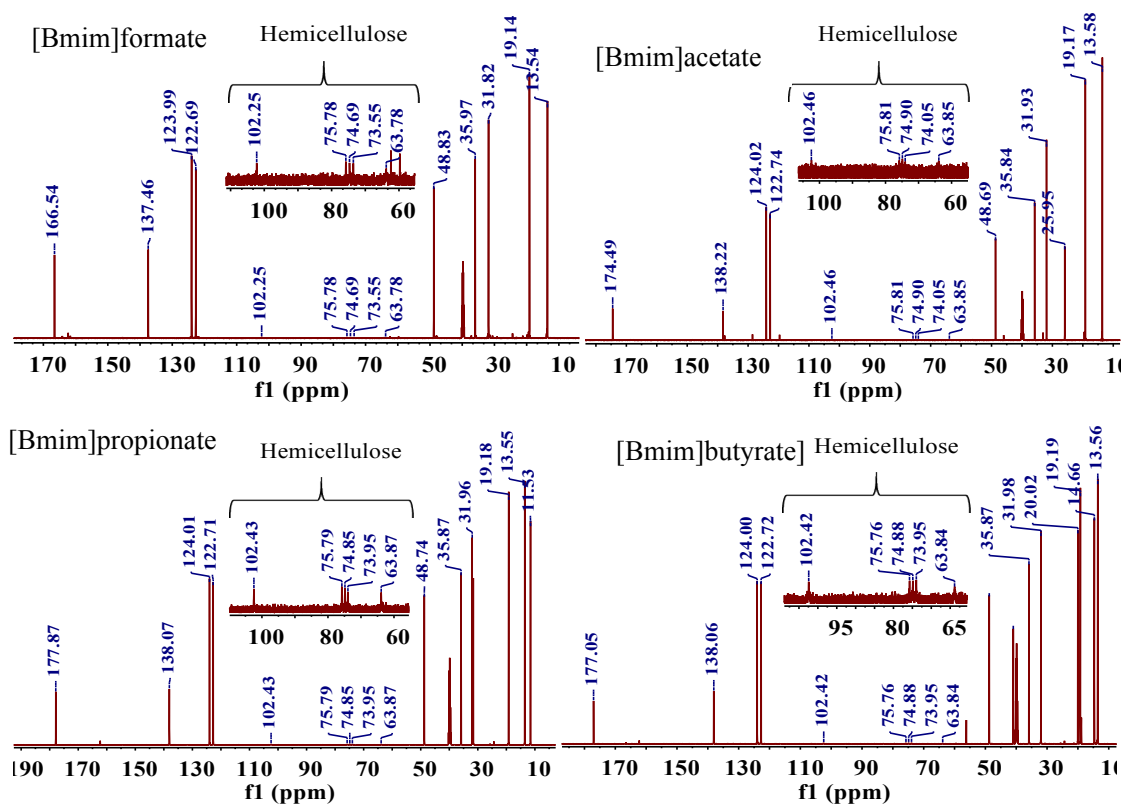


Fig. S4 ^{13}C NMR spectra of the mixtures of 10 wt% hemicellulose and ILs.

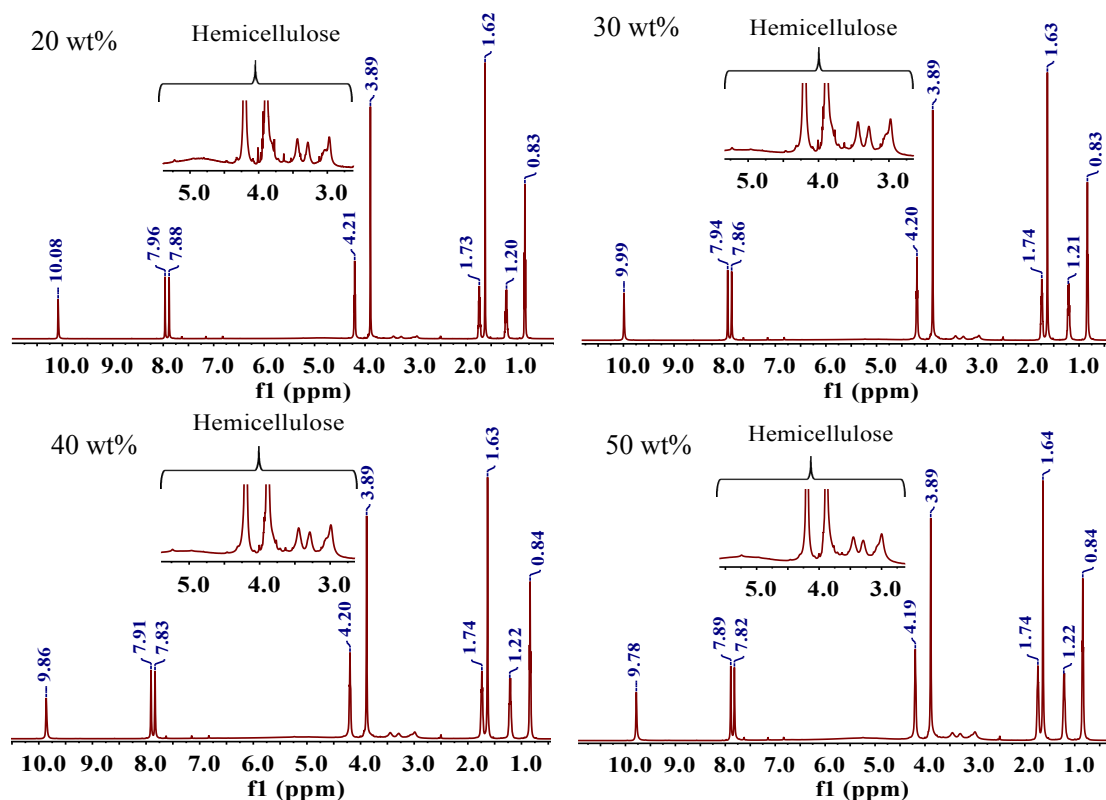


Fig. S5 ^1H NMR spectra of the mixture of hemicellulose and [Bmim]acetate as a function of the mass ratio of hemicellulose to [Bmim]acetate.

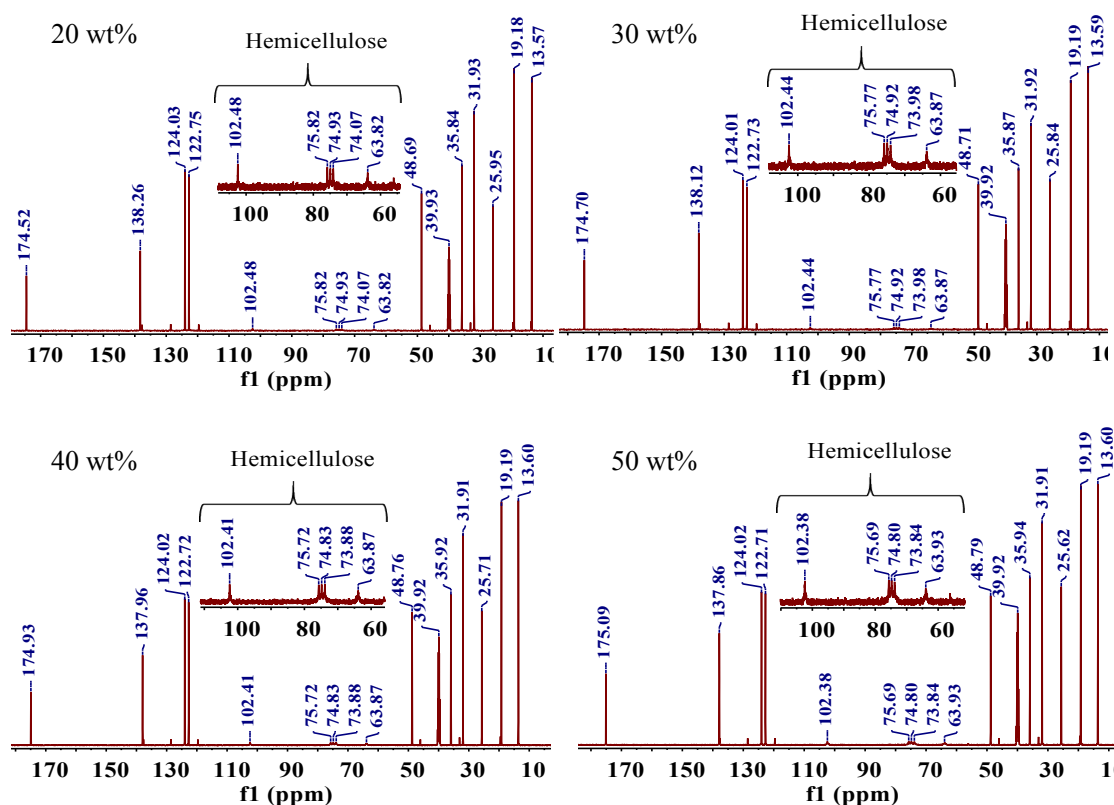


Fig. S6 ^{13}C NMR spectra of the mixture of hemicellulose and [Bmim]acetate as a function of the mass ratio of hemicellulose to [Bmim]acetate.