

Tunable reinforcement of epoxy-silica nanocomposites with ionic liquids

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Supplementary Information

1-Triethylene glycol monomethyl ether-3-methylimidazolium methanesulfonate.

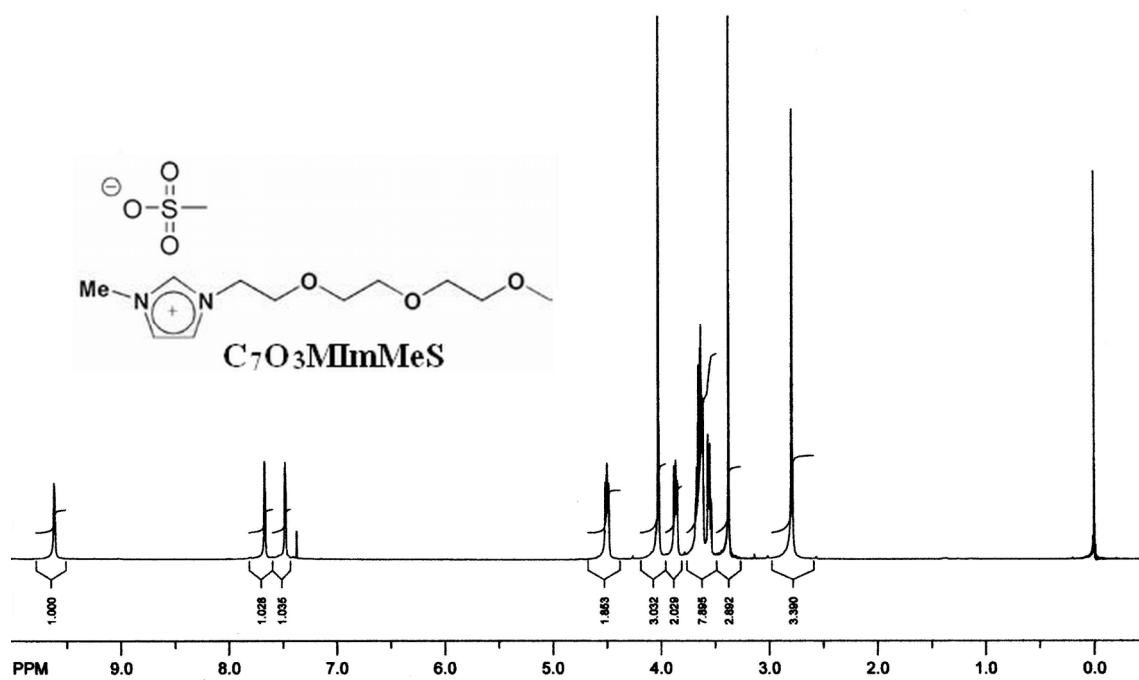


Figure S1. ¹H NMR spectrum of 1-triethylene glycol monomethyl ether-3-methylimidazolium methanesulfonate (C₇O₃MImMeS) (300 MHz, CDCl₃).

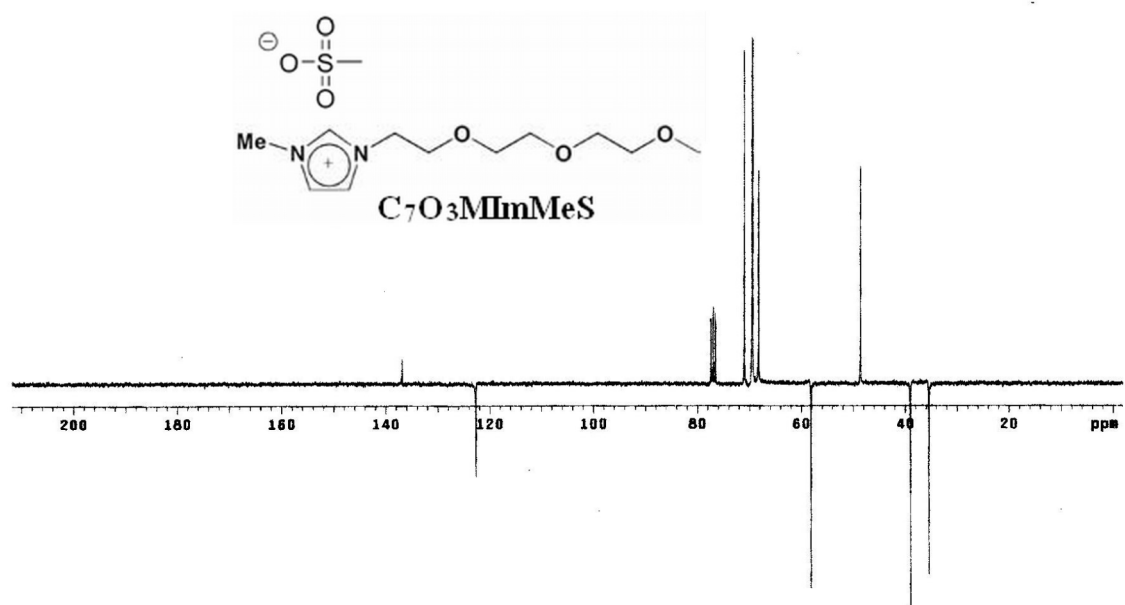


Figure S2. ¹³C NMR spectrum of 1-triethylene glycol monomethyl ether-3-methylimidazolium methanesulfonate (C₇O₃MImMeS) (75 MHz, CDCl₃).

1-Decyl-3-methylimidazolium tetrafluoroborate.

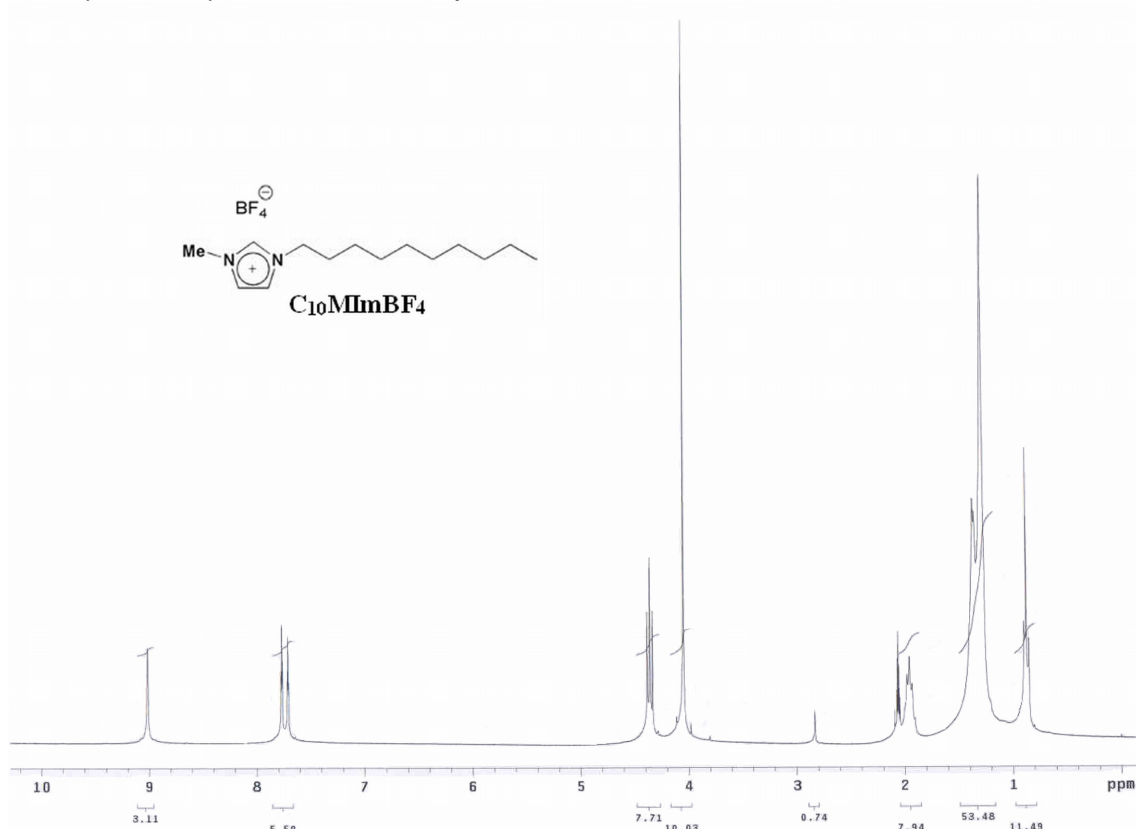


Figure S3. ¹H NMR spectrum of 1-decyl-3-methylimidazolium tetrafluoroborate (C₁₀MImBF₄) (300 MHz, d₆-acetone).

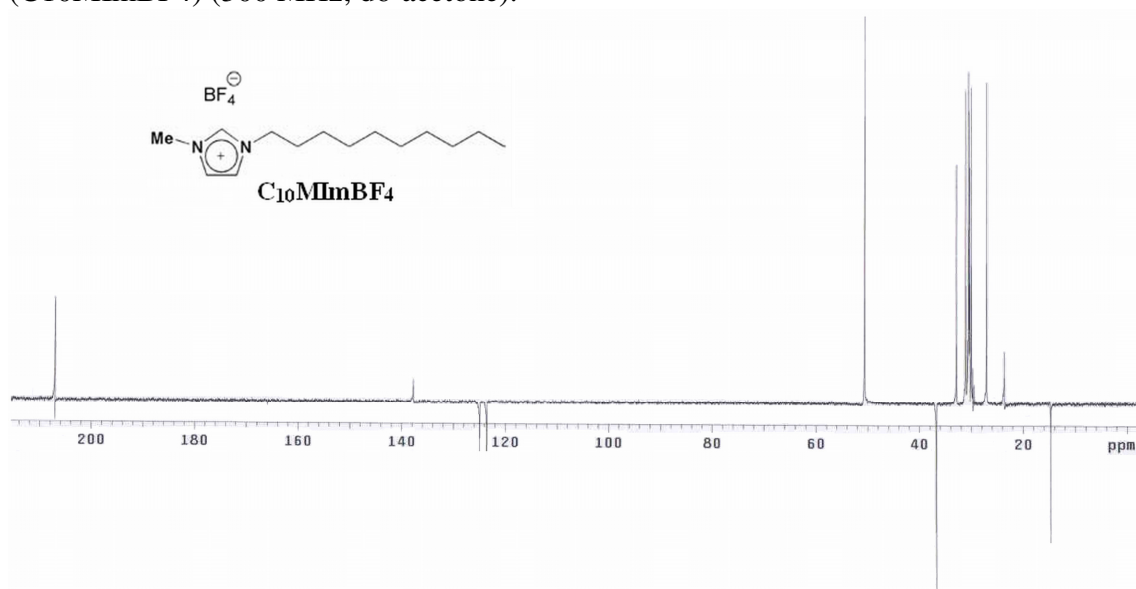


Figure S4. ¹³C NMR spectrum of ionic 1-decyl-3-methylimidazolium tetrafluoroborate (C₁₀MImBF₄) (75 MHz, d₆-acetone).

1-Hexyl-3-methylimidazolium methanesulfonate.

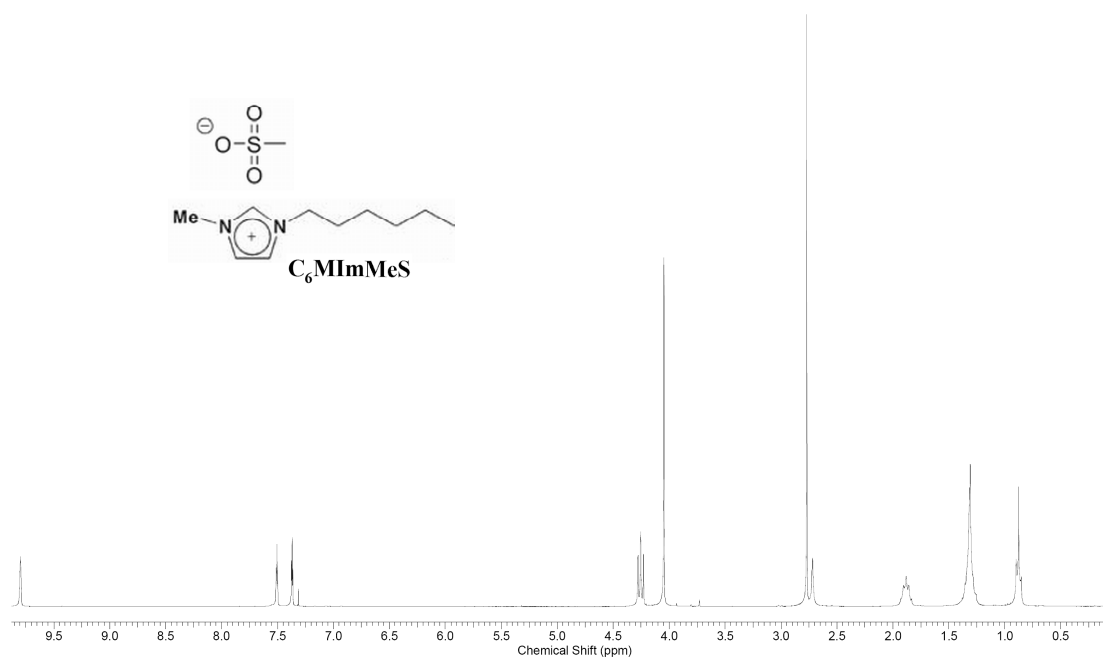


Figure S5. ¹H NMR spectrum of 1-hexyl-3-methylimidazolium methanesulfonate (C₆MImMeS) (300 MHz, d₆-acetone).