

Table S1

(A) ¹H-NMR spectra of the investigated ILs

NMR (δ , $\times 10^{-6}$) ^a							
2-H	3-H	4-H	5-H	6-H	7-H	8-H	9-H
6.04(s,1H)	3.50(t,2H)	2.42(t,2H)	2.17(q, 2H)	0.98(t, 3H)	-	-	-
5.96(s,1H)	3.49(t,2H)	2.41(t,2H)	2.14(t, 2H)	1.50(q, 2H)	0.97(t, 3H)	-	-
5.87(s,1H)	3.48(t,2H)	2.40(t,2H)	2.15(t, 2H)	1.46(m, 2H)	1.28(m, 2H)	0.86(t, 3H)	-
5.85(s,1H)	3.46(t,2H)	2.39(t,2H)	2.12(t, 2H)	1.45(m, 2H)	1.26(m, 2H)	0.87(m, 3H)	0.77(t, 3H)
6.88(s,1H)	3.47(t,2H)	2.56(m,2H)	2.16(q, 2H)	0.98(m, 3H)	-	-	-
6.65(s,1H)	3.46(t,2H)	2.55(m,2H)	2.13(t, 2H)	1.50(m, 2H)	0.87(t, 3H)	-	-
5.94(s,1H)	3.46(t,2H)	2.55(m,2H)	2.13(t, 2H)	1.47(m, 2H)	1.28(m, 2H)	0.87(t, 3H)	-
5.68(s,1H)	3.46(t,2H)	2.54(m,2H)	2.15(t, 2H)	1.49(m, 2H)	1.26(m, 2H)	1.26(m, 2H)	0.86(t, 3H)

^a Note: ¹H-NMR chemical shifts are reported downfield from trimethylsilane (TMS). Multiplicities are abbreviated as s=singlet, d=doublet,

quart =quartet, t=triplet and m= multiplet.

^bThe eight ILs were recorded on Varian-INOVA 400 NMR spectrometry.