

Effect of water on the transport properties in protic and aprotic imidazolium ionic liquids. An analysis of self-diffusivity, conductivity, and proton exchange mechanism

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1 Supplementary Information

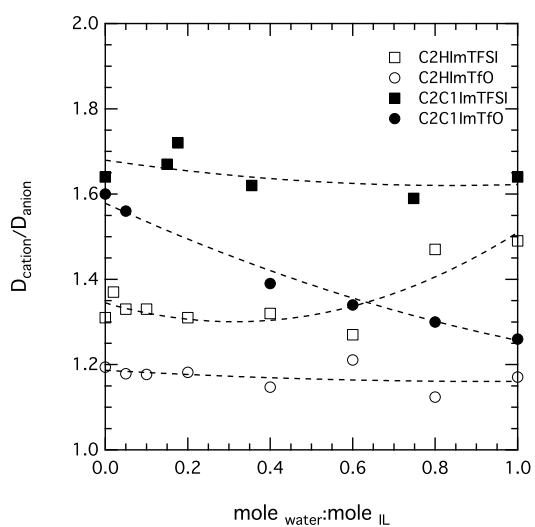


Figure 1: SI-1. Relative self-diffusion coefficient D_{cation}/D_{anion} as a function of added water for the ionic liquids investigated.

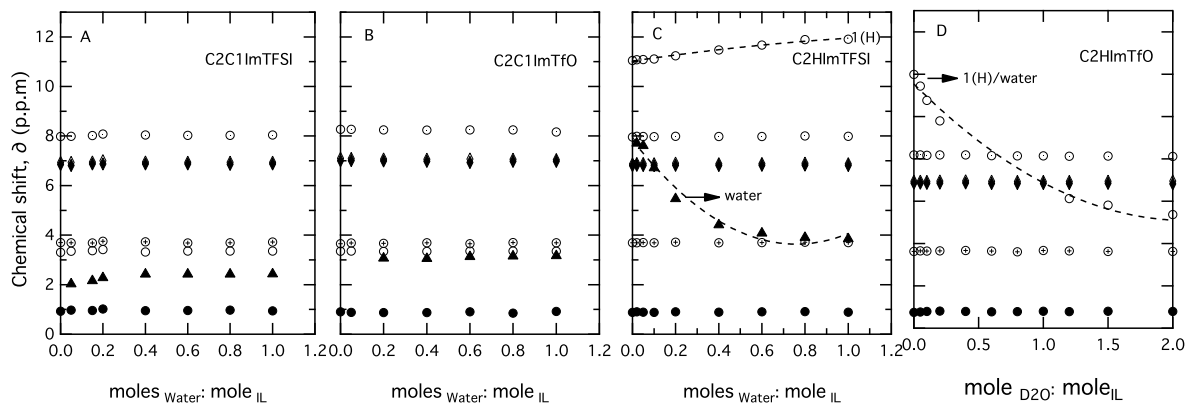


Figure 2: SI-2. Chemical shift map from ^1H NMR experiments for investigated ionic liquids at different H_2O -to-IL mole ratios. 1(Me) and 1(H)(○), 2(⊙), 3 (◇), 4(◆), 5(⊕), 6 (●), water(▲).