DETERMINATION OF THERMAL DIFFUSIVITIES, THERMAL CONDUCTIVITIES, AND SOUND SPEEDS OF ROOM TEMPERATURE IONIC LIQUIDS BY THE TRANSIENT GRATING TECHNIQUE

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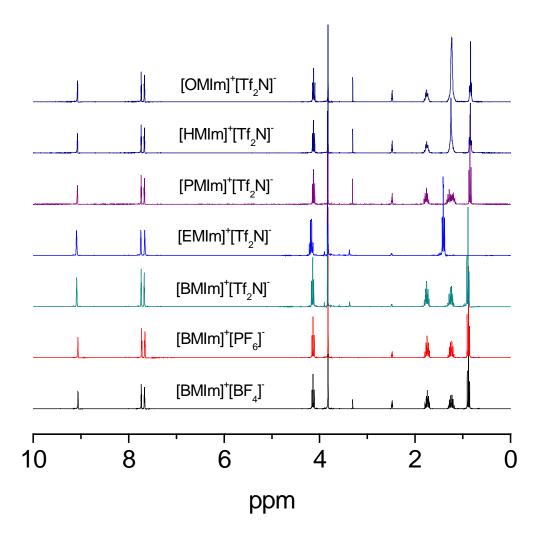


Figure S1. 1 H NMR spectra of seven ionic liquids ($[BMIm]^{+}[BF_{4}]^{-}$, $[BMIm]^{+}[PF_{6}]^{-}$, $[BMIm]^{+}[Tf_{2}N]^{-}$, $[EMIm]^{+}[Tf_{2}N]^{-}$, $[PMIm]^{+}[Tf_{2}N]^{-}$, $[HMIm]^{+}[Tf_{2}N]^{-}$, and $[OMIm]^{+}[Tf_{2}N]^{-}$ used in this work (in DMSO-d6).