

Supplementary Material (ESI) for Physical Chemistry Chemical Physics
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Towards large-scale, fully *ab initio* calculations of ionic liquids

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SUPPLEMENTARY INFORMATION

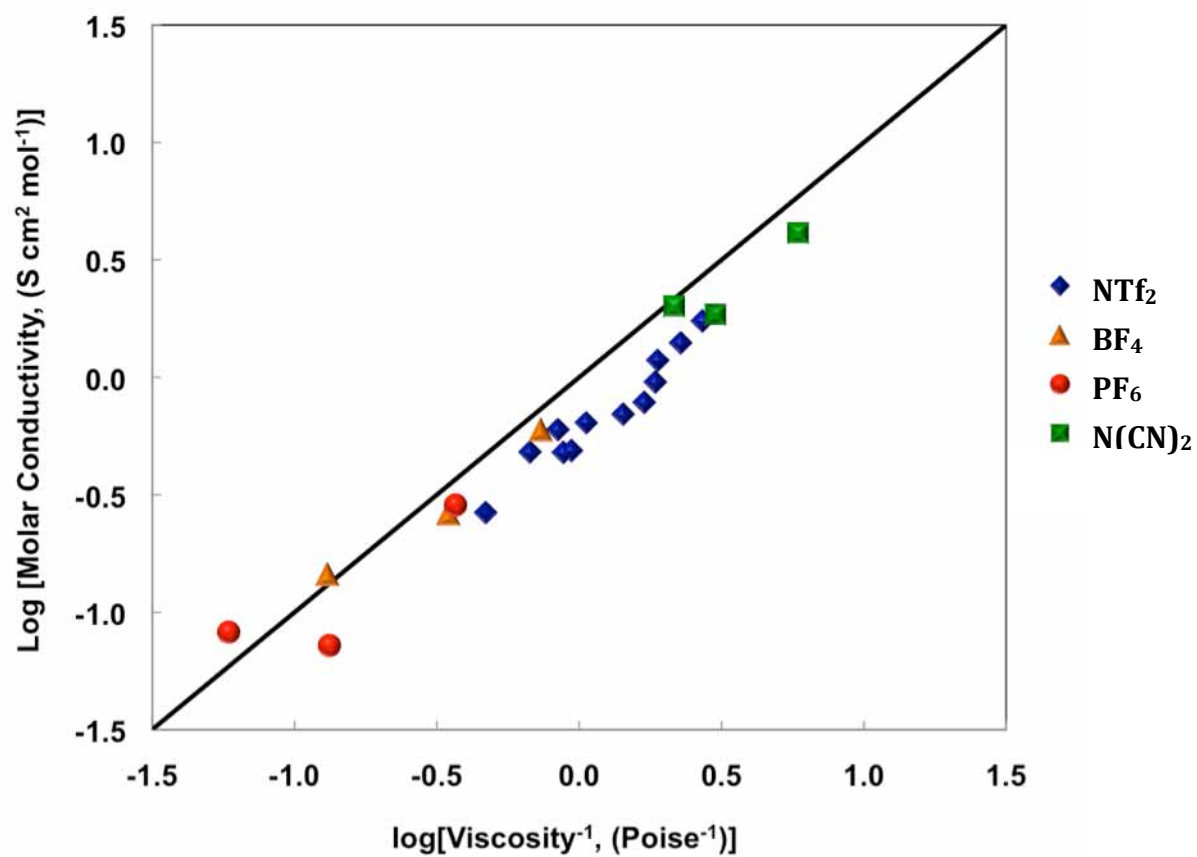


Figure S1. Walden plot for ionic liquids studied in ref. 11. Ionic liquids were grouped with respect to anions.

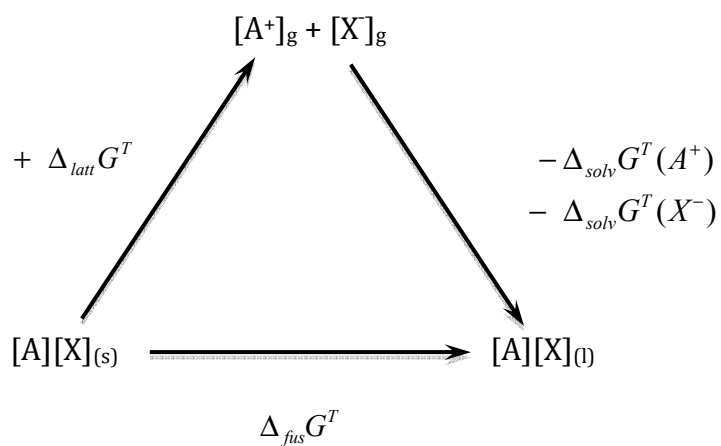


Figure S2. Born-Fajans-Haber cycle for calculating $\Delta_{fus}G^T$.

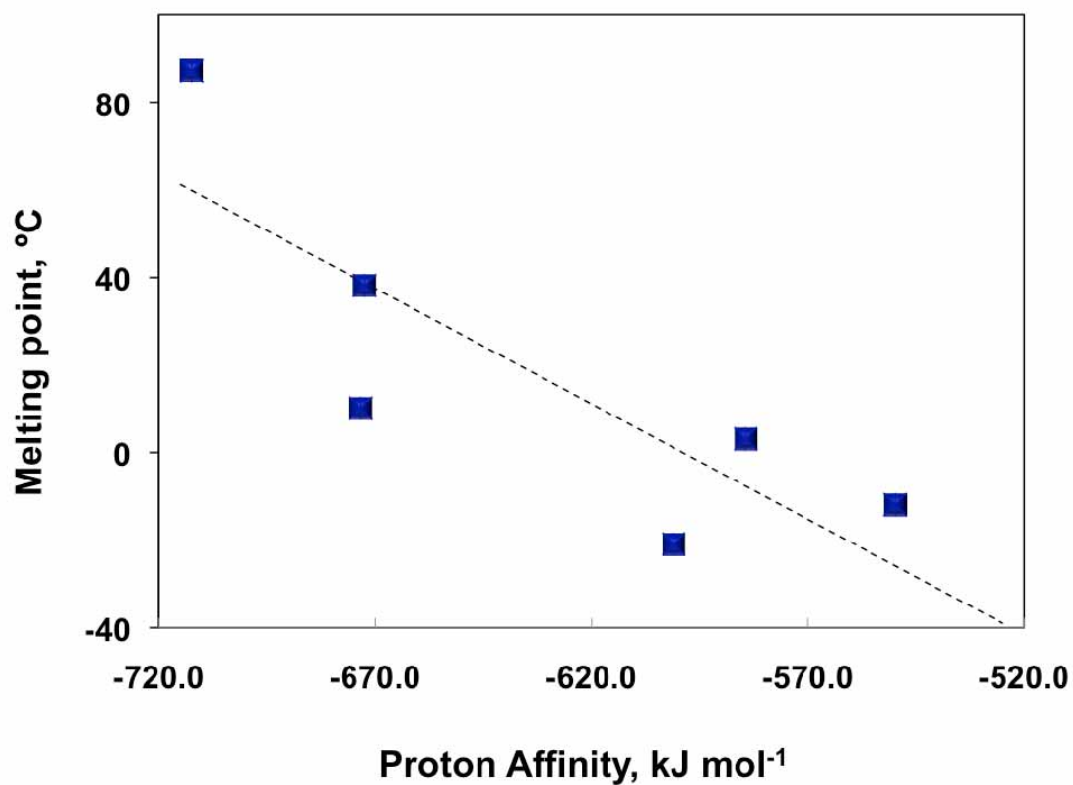


Figure S3. Correlation between the proton affinity and melting point for C₂mim-based ionic liquids incorporating anions: NTf₂, N(CN)₂, Cl, NO₃, CF₃SO₃ and (SO₂CH₃)N(SO₂CF₃).