

The influence of the size and symmetry of cations and anions on the physicochemical behavior of organic ionic plastic crystal electrolytes mixed with sodium salts

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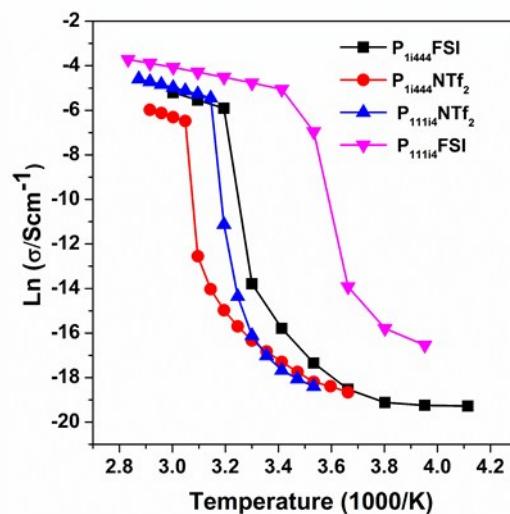


Figure S1 . Ionic conductivity of pure P_{111i4}FSI, P_{1i444}NTf₂, P_{111i4}NTf₂ and P_{1i444}FSI.

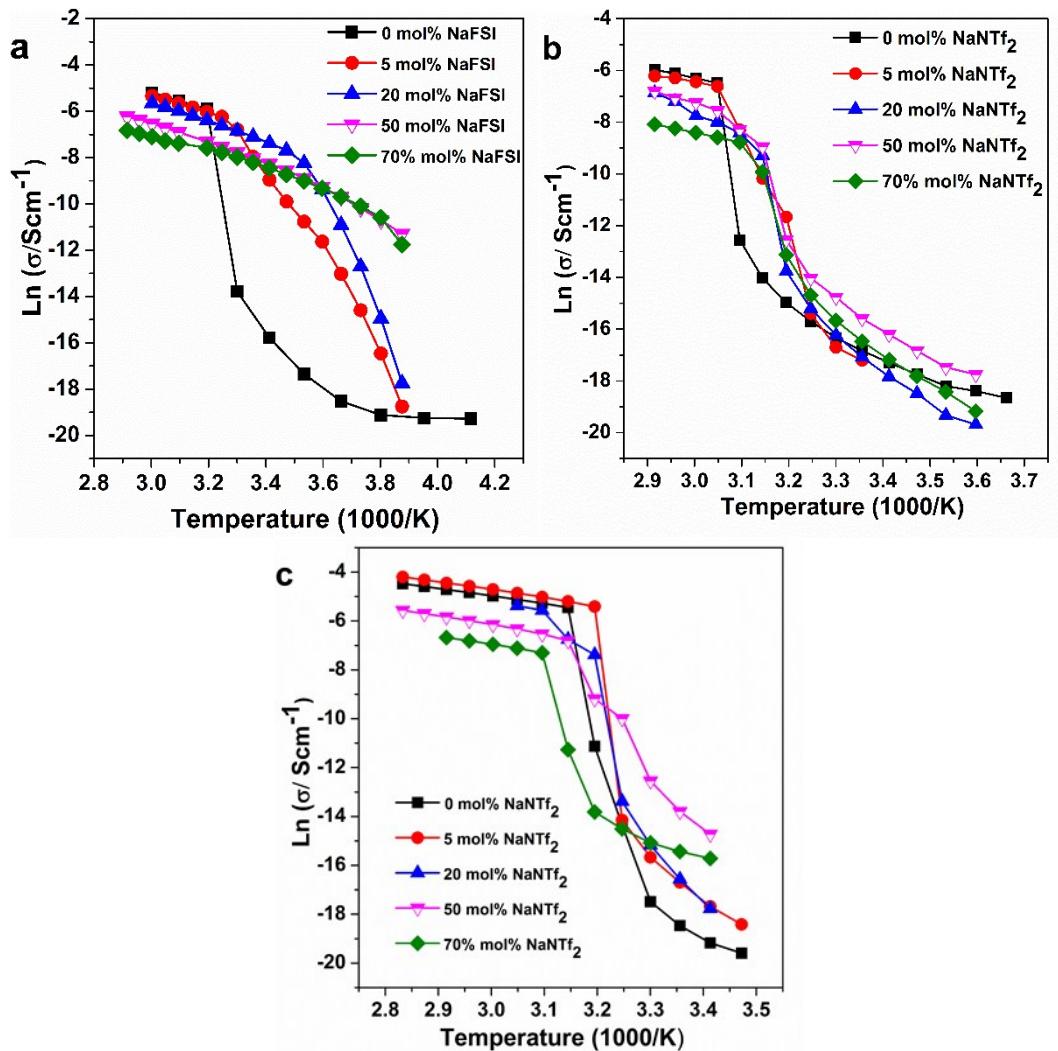


Figure S2. Ionic conductivity of (a) $\text{P}_{1444}\text{FSI}/\text{NaFSI}$, (b) $\text{P}_{1444}\text{NTf}_2/\text{NaNTf}_2$ and (c) $\text{P}_{11114}\text{NTf}_2/\text{NaNTf}_2$ mixtures

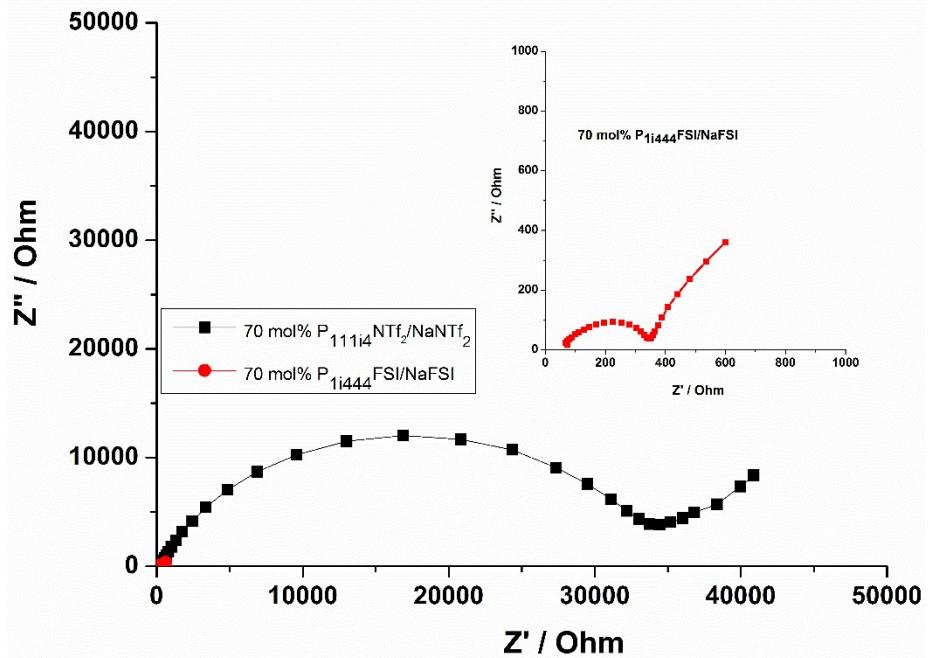


Figure S3. EIS data after 45 CV scans of 70 mol% $P_{1i444}FSI/NaFSI$ and 70 mol% $P_{111i4}NTf_2/NaN Tf_2$