

Synthesis, Crystal Structure and Properties of a New 1D Polymeric Nitrogen-Rich Energetic Complex $\{\text{TAG}[\text{Li}(\text{BTO})(\text{H}_2\text{O})]\}_n$ based on 1*H*,1'*H*-5,5'-bitetrazole-1,1'-diolate (BTO)

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Supporting Information

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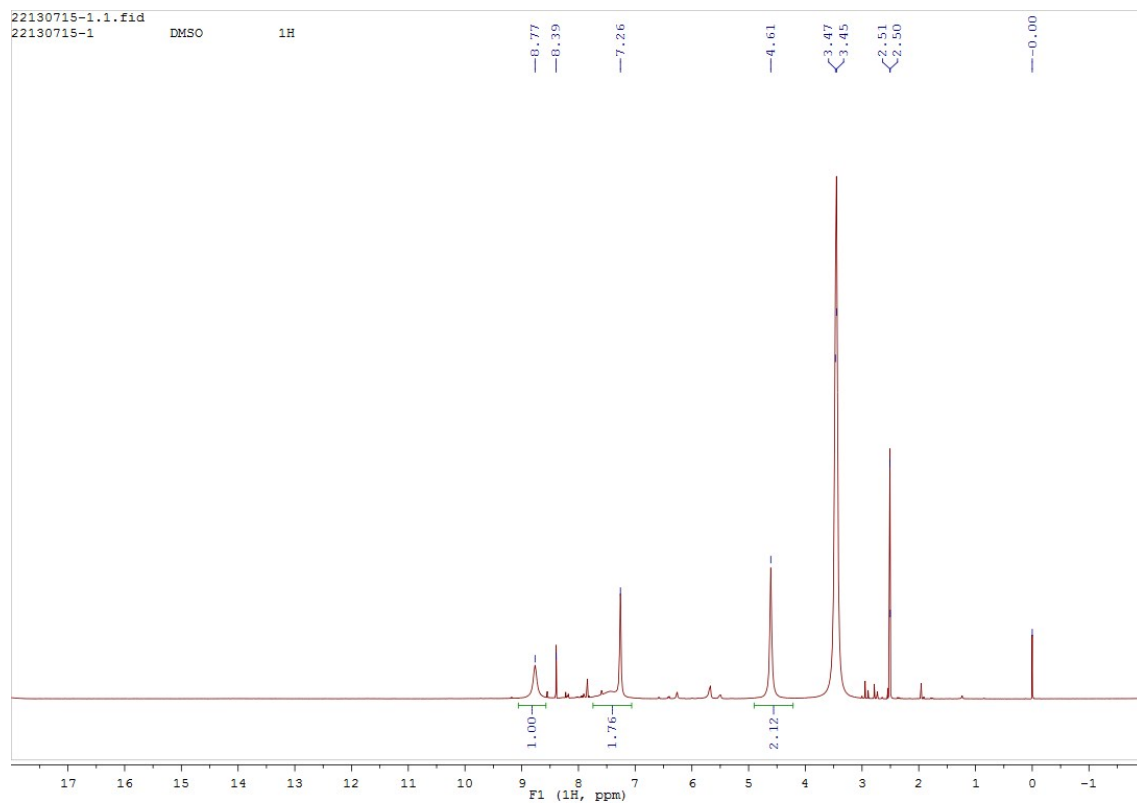


Fig. S1 The ^1H spectra of the polymer.

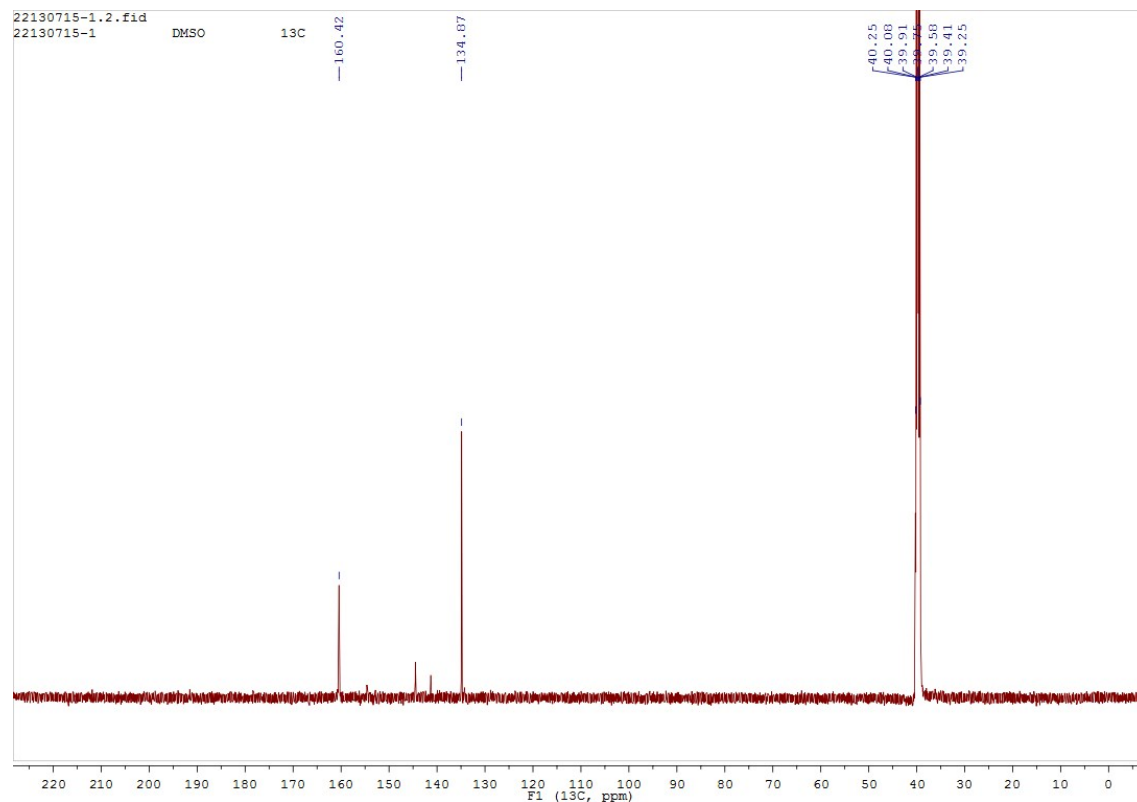


Fig. S2 The ^{13}C spectra of the polymer.

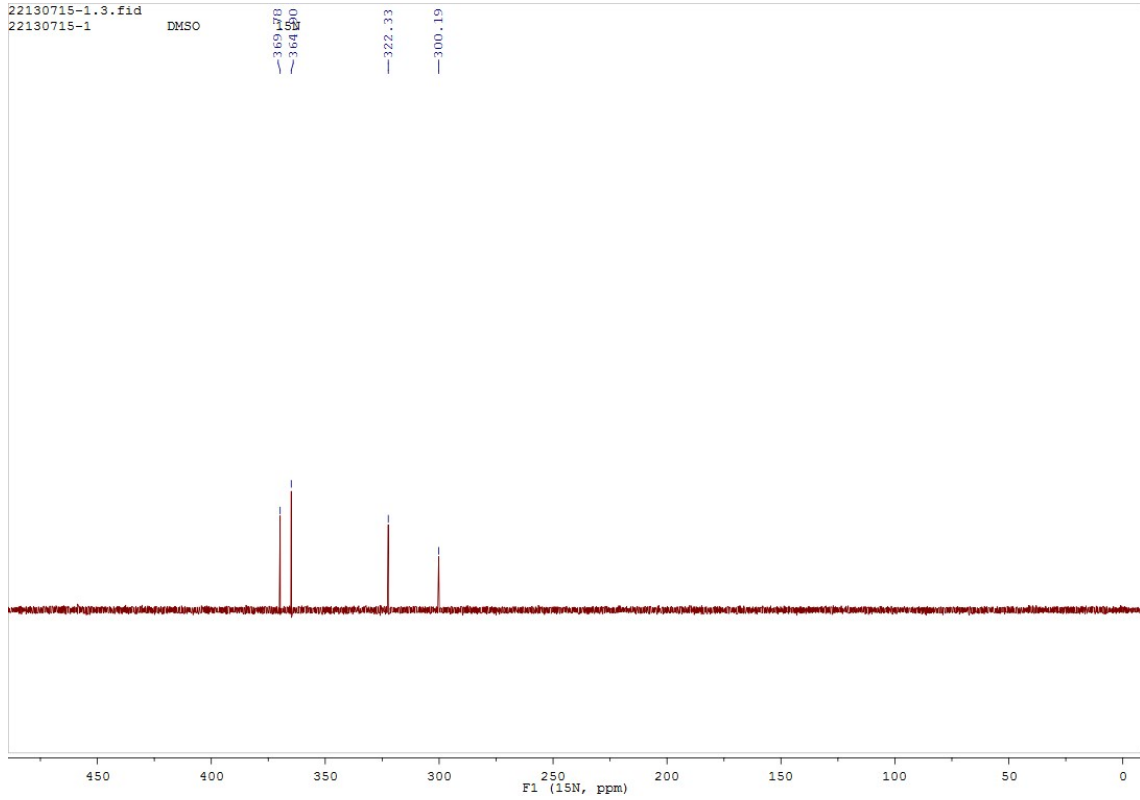


Fig. S3 The ^{15}N spectra of the polymer.

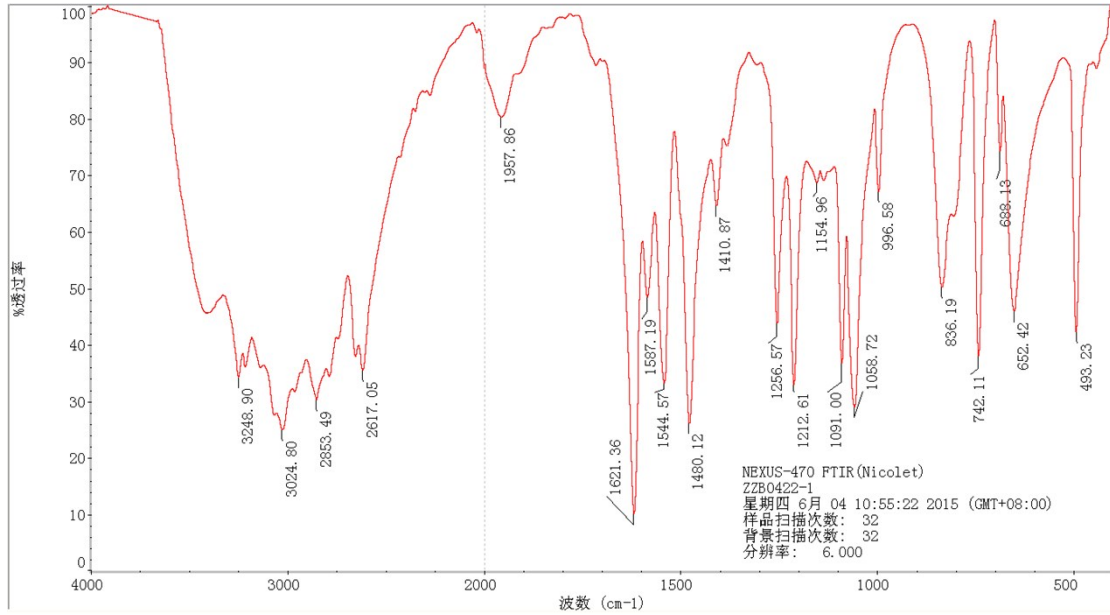


Fig. S4 The FT-IR spectra of the polymer.

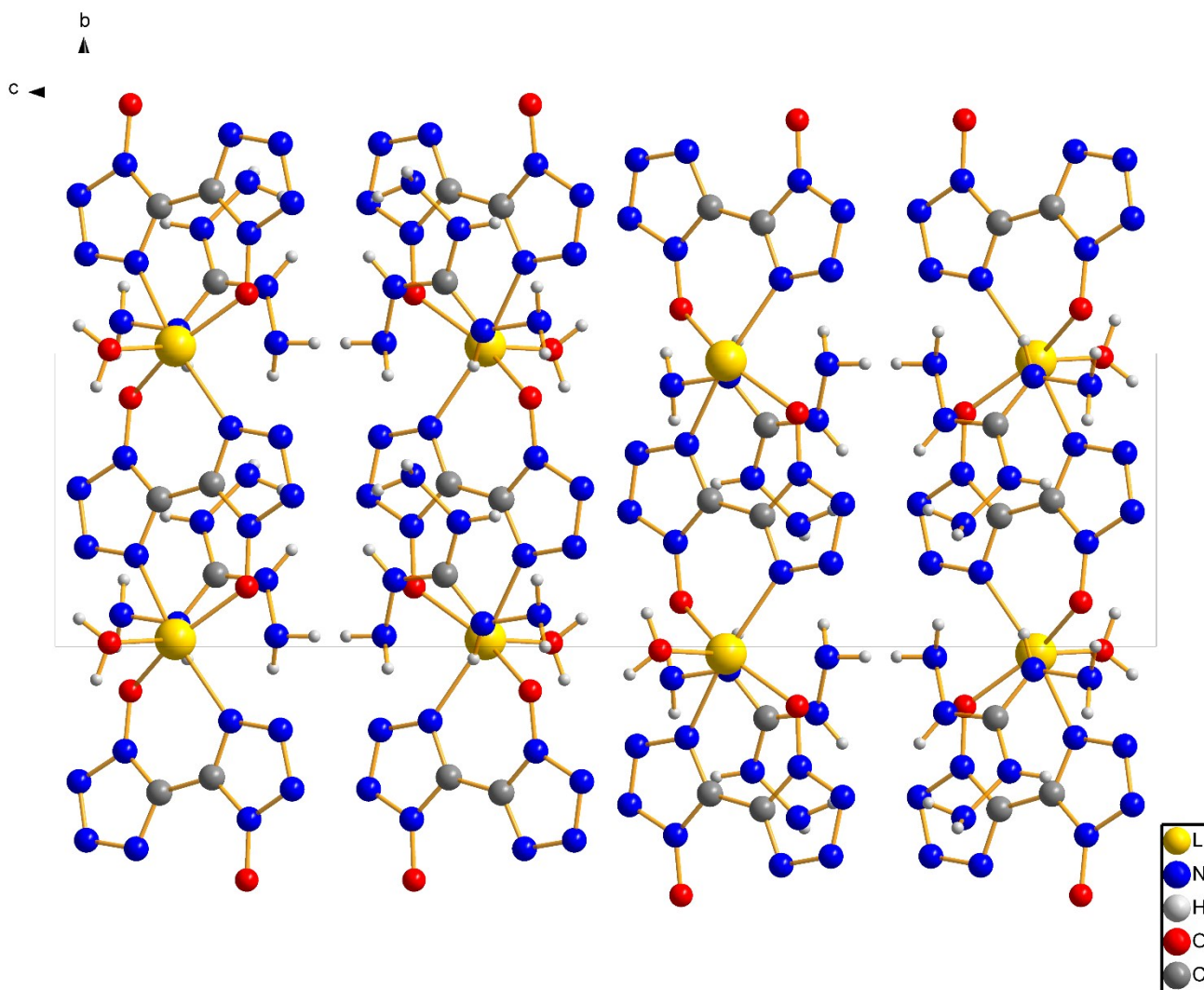


Fig. S5 The packing diagram from *a*-axis.

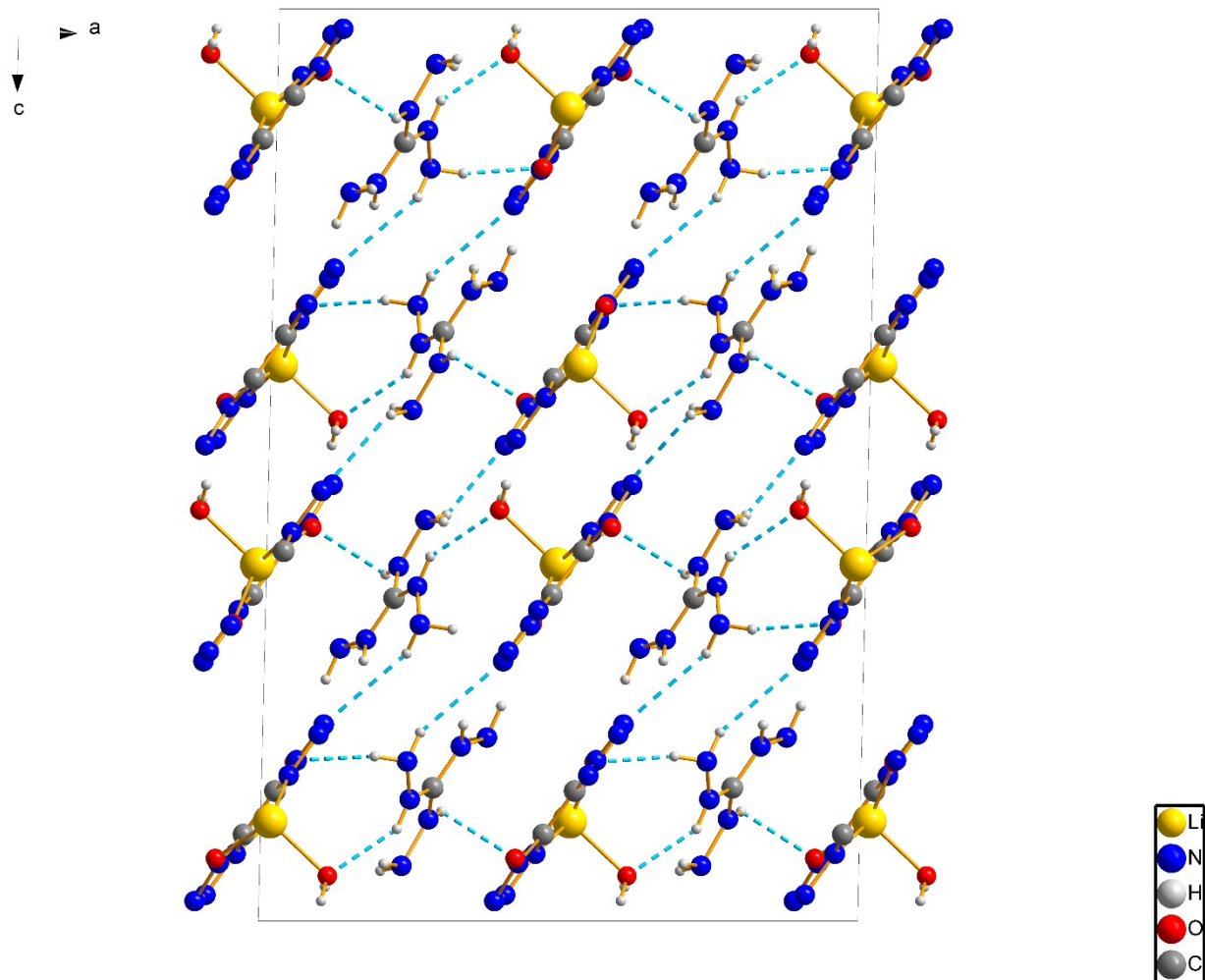


Fig. S6 The packing diagram from *b*-axis.

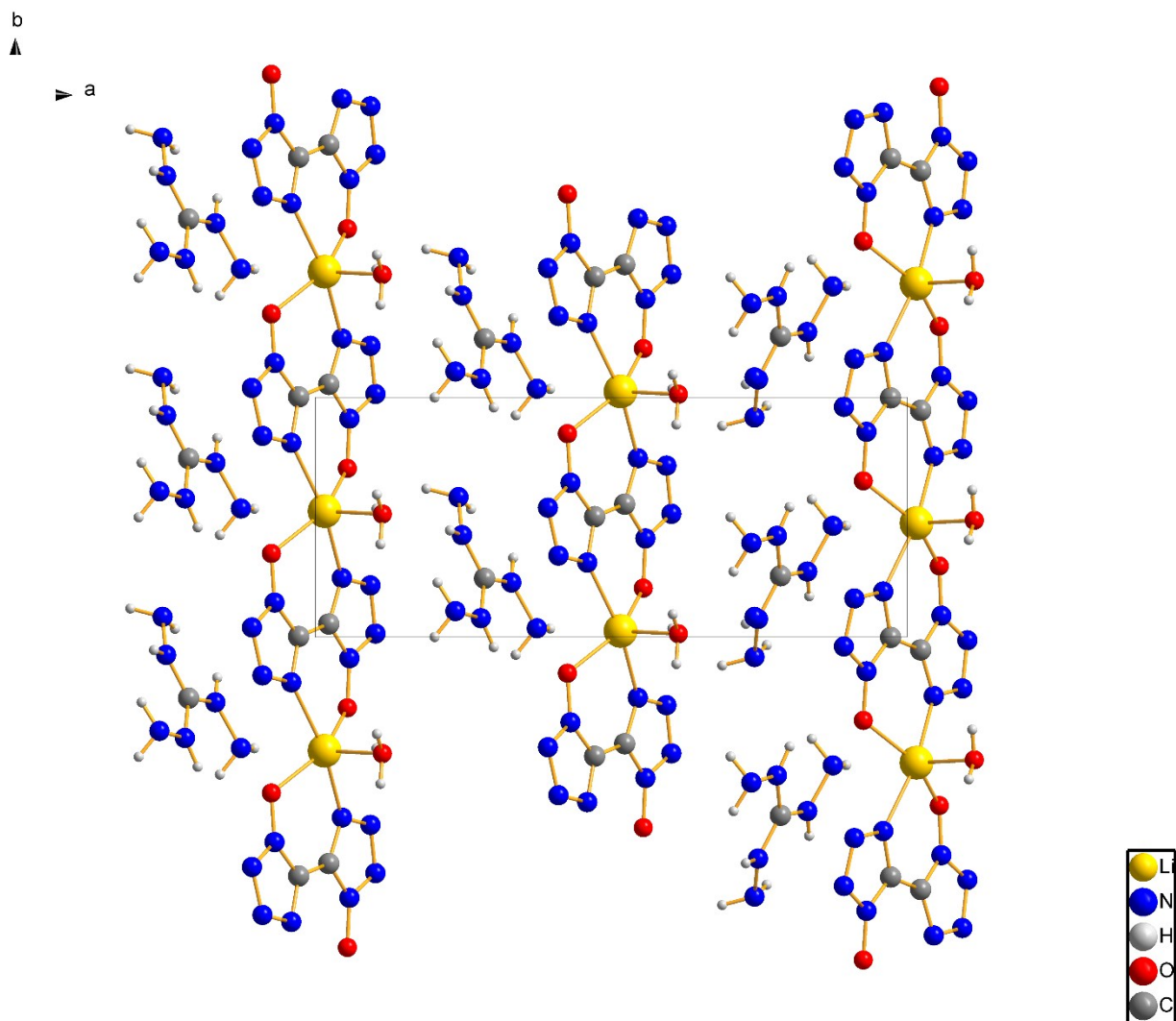


Fig. S7 The packing diagram from *c*-axis.