

SUPPORTING INFORMATION:

Dielectric and Structural Phase Transition of $[\text{Ni}(\text{dmit})_2]^-$ Salt with (4-ethoxyanilinium)([18]crown-6) Supramolecular Cation

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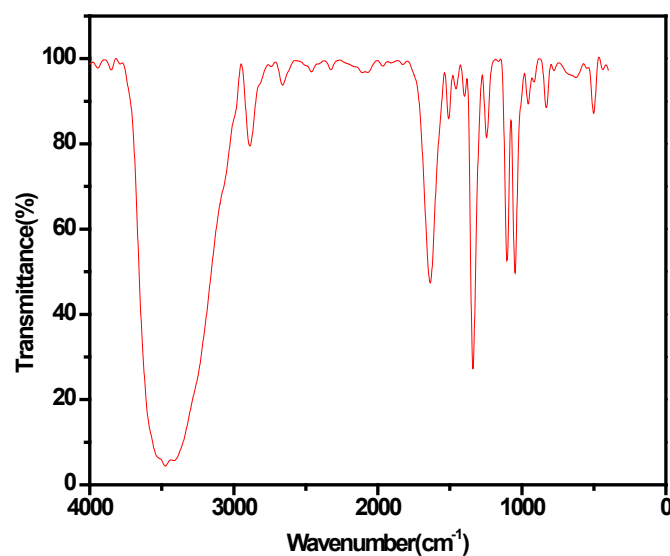


Fig. S1. The IR spectrum of compound **1**

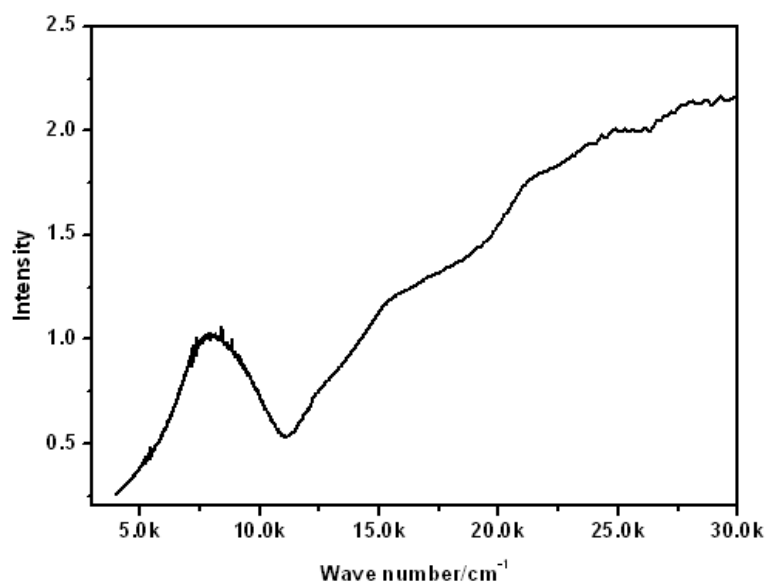


Fig. S2. The UV-Vis spectrum of compound **1**

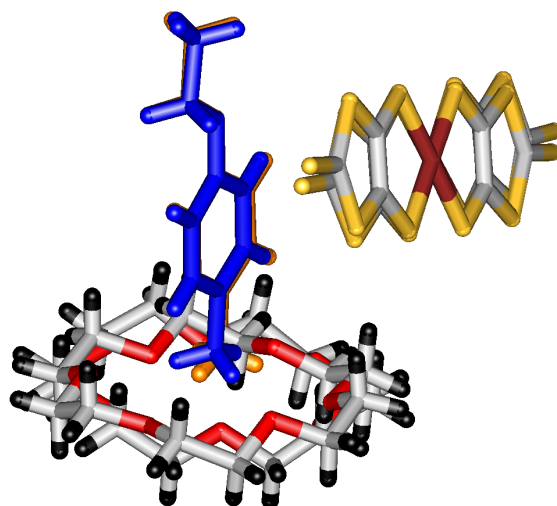


Fig. S3. Asymmetric unit packing arrangement of compound **1** at 100K

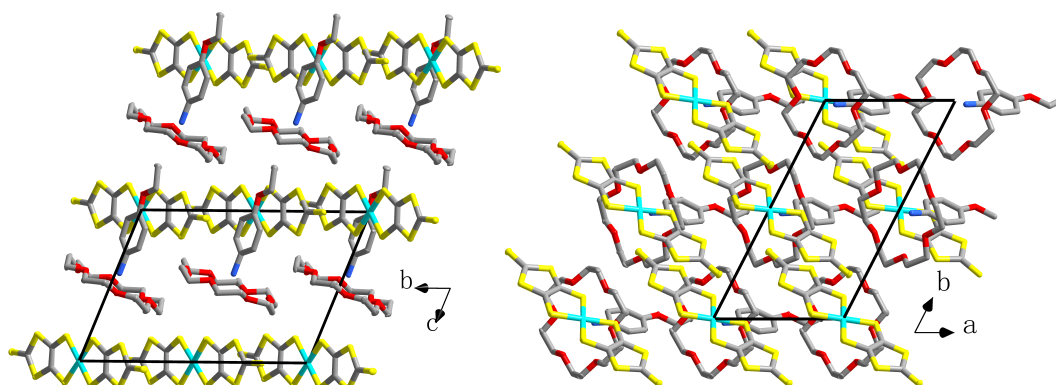


Fig. S4. The packing view of compound **1** at 100K

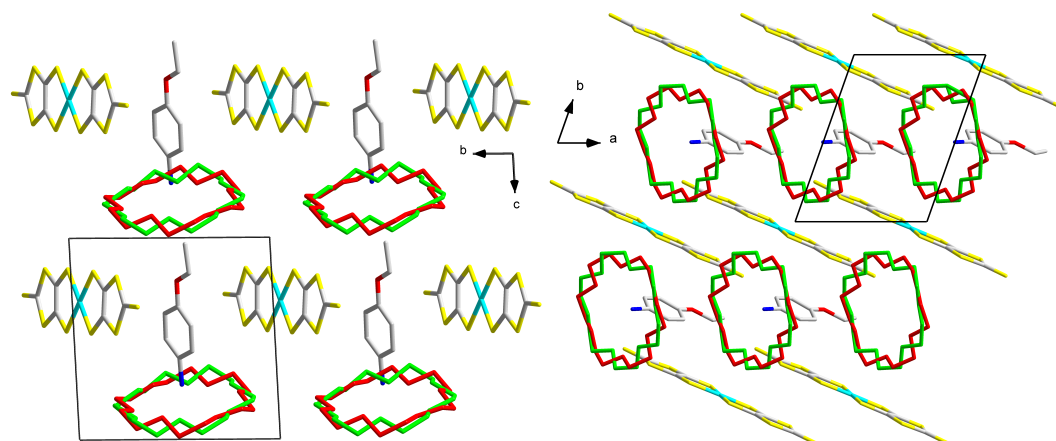


Fig. S5. The packing view of compound **1** along *a* axis at 300K.

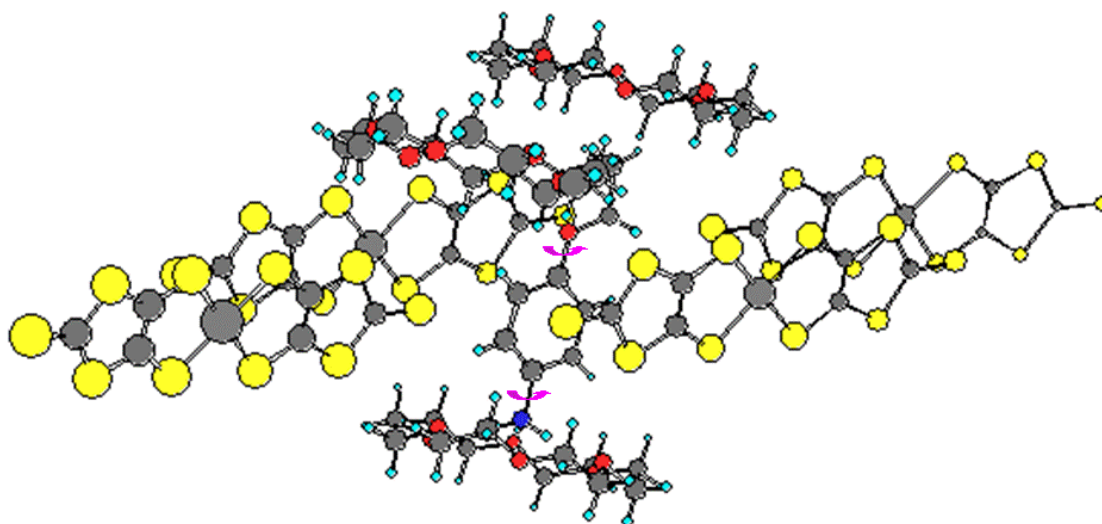


Fig. S8. The rotation potential energy calculation mode of compound **1**

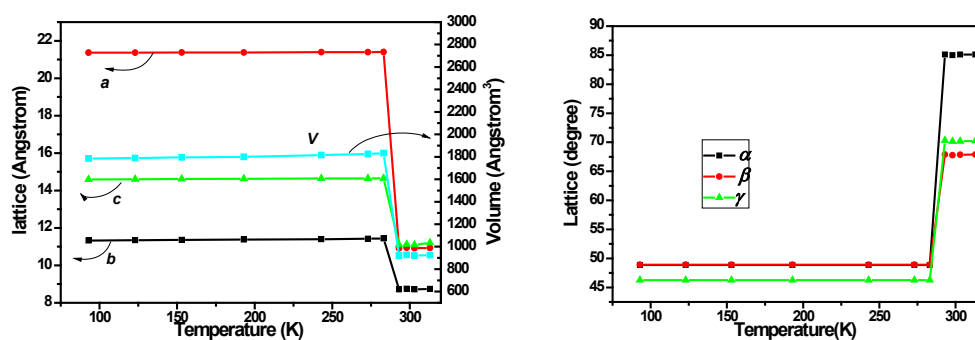


Fig. S9. The temperature-dependent lattice parameter changes of $(\text{EtOAni}^+)([18]\text{crown-6})[\text{Ni}(\text{dmit})_2]$.

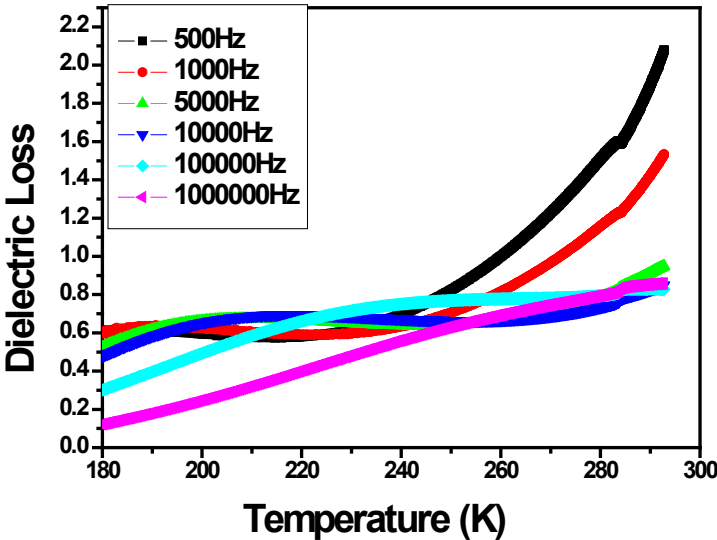


Fig. S10. Temperature- and frequency-dependent dielectric loss of (EtOAni⁺)([18]crown-6)[Ni(dmit)₂]