

一维交替铁磁-反铁磁耦合的海森堡链 $[\text{Mn}(\text{N}_3)_2(\text{pybox})]_n$

刘娜¹ 贾丽慧³ 吴宗铨¹ 朱元元^{*,1,2} 王炳武^{*,2} 高松^{*,2}

(¹合肥工业大学, 化学工程学院, 功能材料与器件安徽省重点实验室, 合肥 200039

²北京大学, 化学与分子工程学院, 北京分子科学国家实验室, 稀土材料化学及应用国家重点实验室, 北京 100871;

³武汉工程大学, 化工与制药学院, 绿色化工过程省部共建教育部重点实验室, 武汉 430073)

One-Dimensional Alternating Ferromagnetic-Antiferromagnetic Coupled Heisenberg Chain $[\text{Mn}^{\text{II}}(\text{N}_3)_2(\text{pybox})]_n$

LIU Na¹ JIA Li-Hui³ WU Zong-Quan¹ ZHU Yuan-Yuan^{*,1,2} WANG Bing-Wu^{*,2} GAO Song^{*,2}

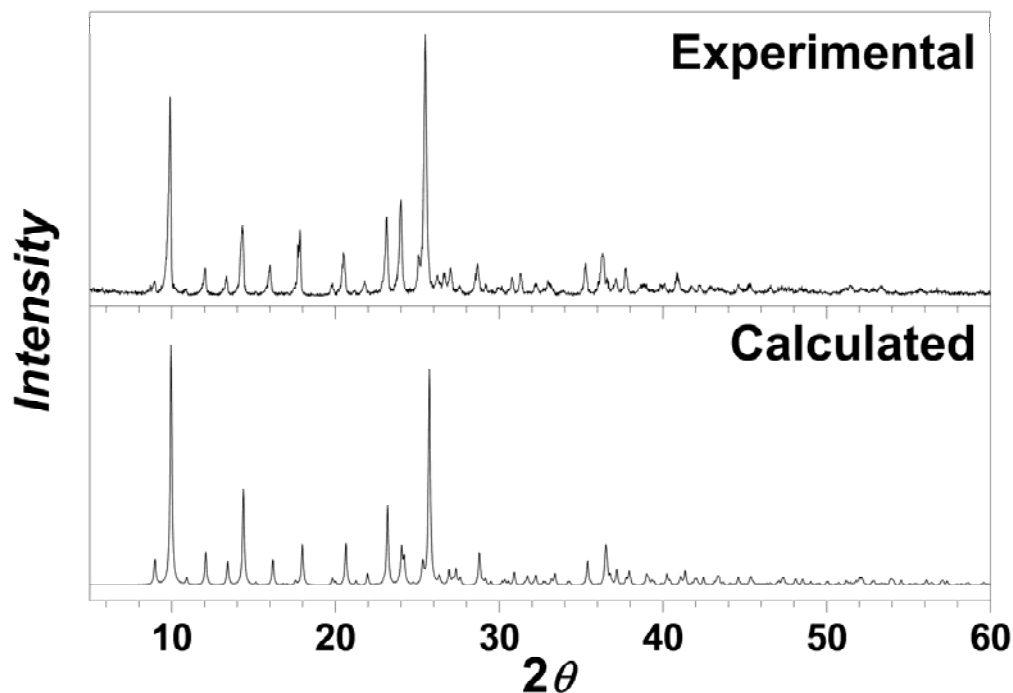


Fig. S1 The powder XRD pattern of compound 1 and the simulated one based on the single-crystal structure.

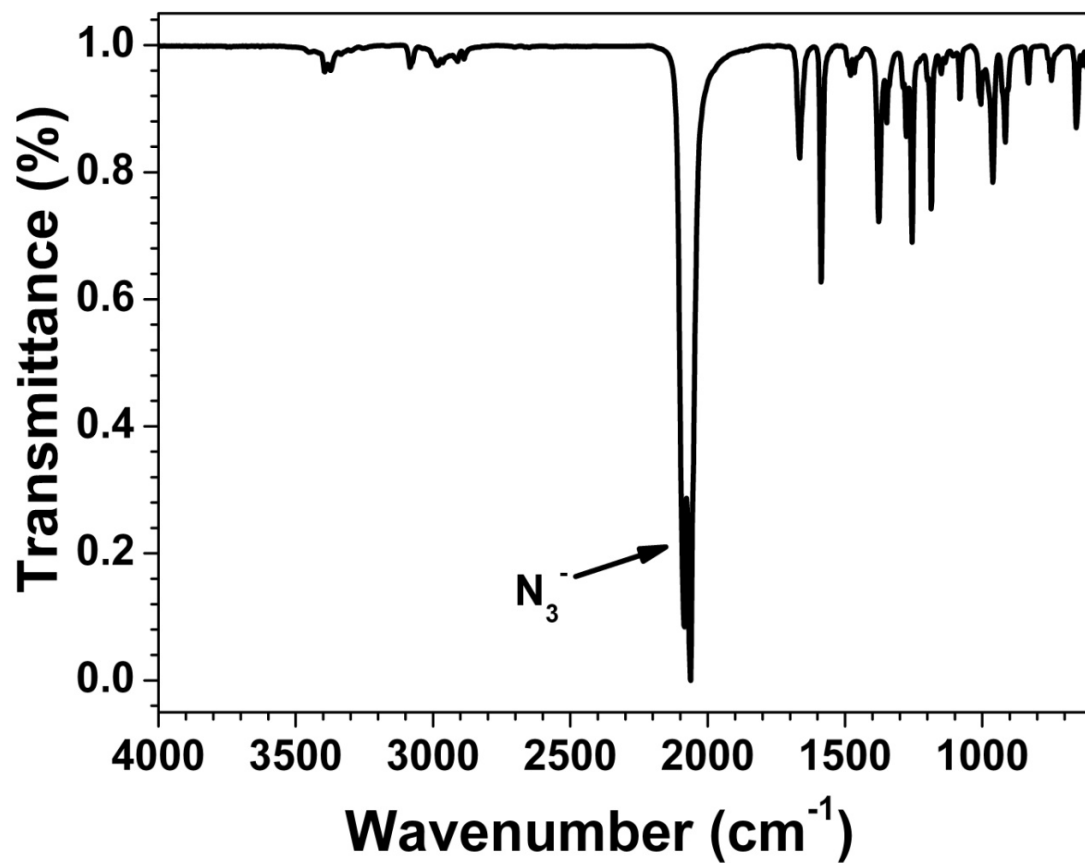


Fig. S2 IR spectrum of compound **1**.

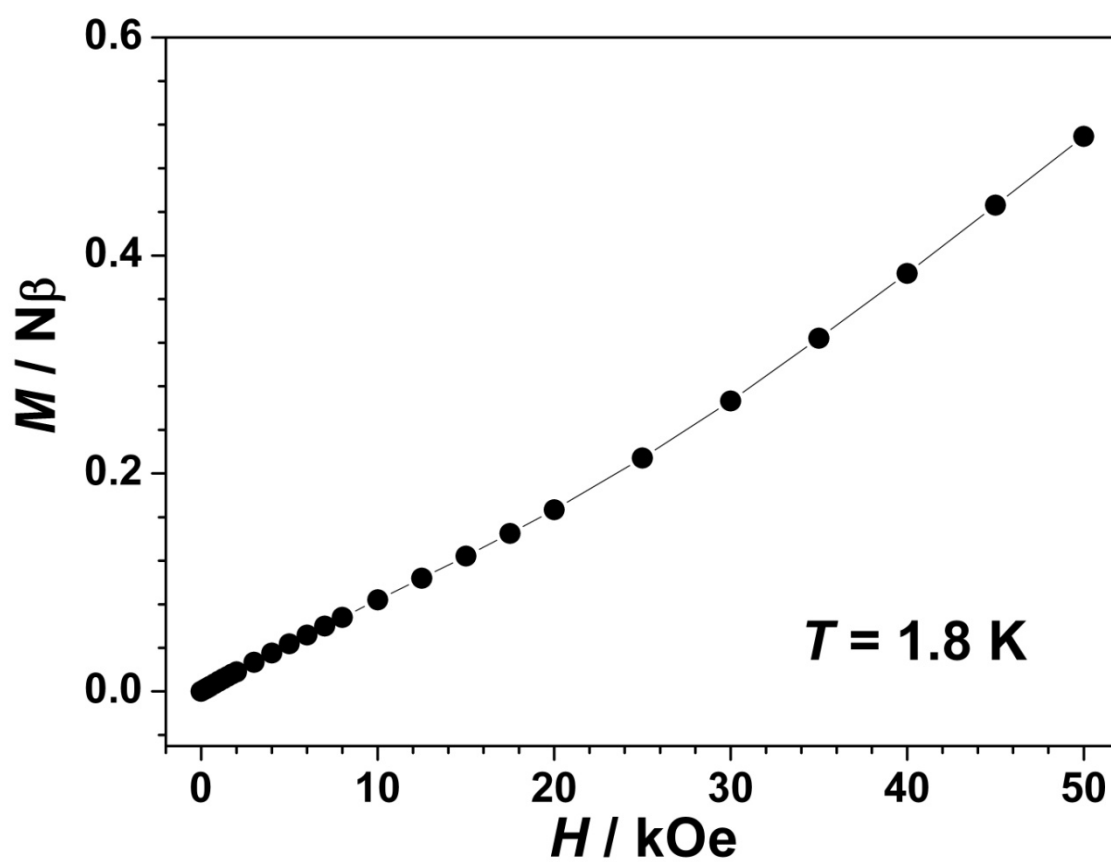


Fig. S3 Isothermal magnetization for **1** from 0 to 5 T at 1.8 K.