

## 苯并咪唑衍生配体锌-镧(或铽)异金属双核配合物的合成、结构与光学性质

赵顺省<sup>1,\*</sup>    张  召<sup>2</sup>    石国香<sup>2</sup>    冯维旭<sup>2</sup>    吕兴强<sup>2,\*</sup>  
刘向荣<sup>1</sup>

(<sup>1</sup> 西安科技大学化学与化工学院, 西安 710054; <sup>2</sup> 西北大学, 陕西省物理无机化学重点实验室, 西安 710069)

## Heterobinuclear Zn-Eu or Zn-Tb Complexes Formed from Benzimidazole Derivatives and Metal Salts: Synthesis, Structures and Photophysical Properties

ZHAO Shun-Sheng<sup>1,\*</sup>    ZHANG Zhao<sup>2</sup>    SHI Guo-Xiang<sup>2</sup>    FENG Wei-Xu<sup>2</sup>  
Lü Xing-Qiang<sup>2,\*</sup>    LIU Xiang-Rong<sup>1</sup>

(<sup>1</sup> College of Chemistry and Chemical Engineering, Xi'an University of Science & Technology, Xi'an 710054, P. R. China; <sup>2</sup> Shaanxi Key Laboratory of Physico-Inorganic Chemistry, Northwest University, Xi'an 710069, P. R. China)

\*Corresponding authors. ZHAO Shun-Sheng, Email: shshzhao@xust.edu.cn. Lü Xing-Qiang, Email: lvxq@nwu.edu.cn.

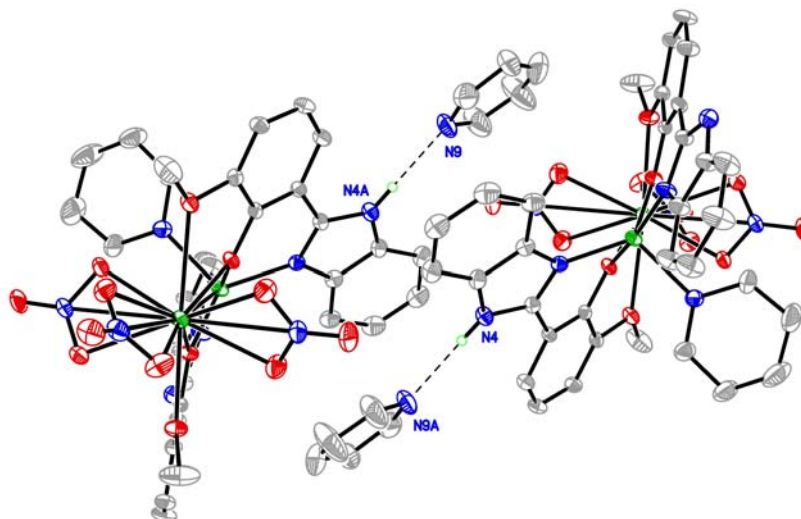


Fig.S1 Perspective drawing of **1**, showing the intermolecular hydrogen bond between host structure and solvate pyridine

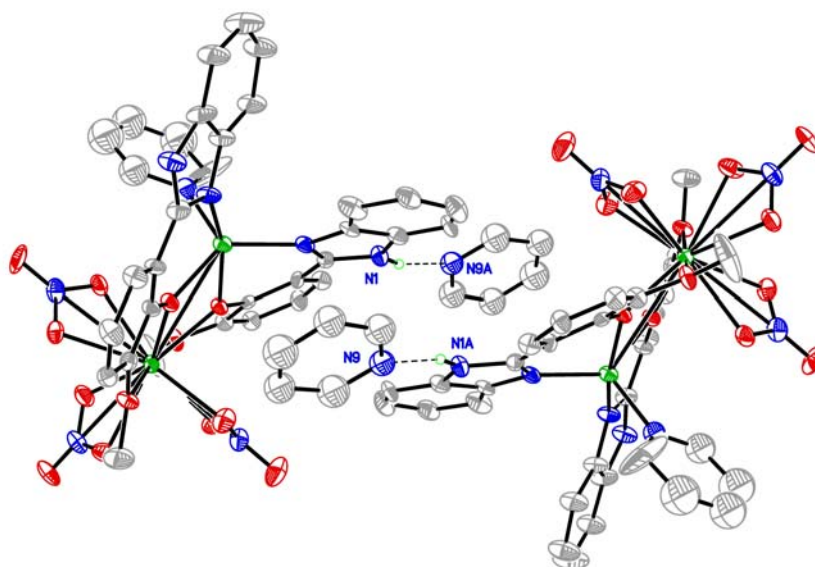


Fig.S2 Perspective drawing of **2**, showing the intermolecular hydrogen bond between host structure and solvate pyridine

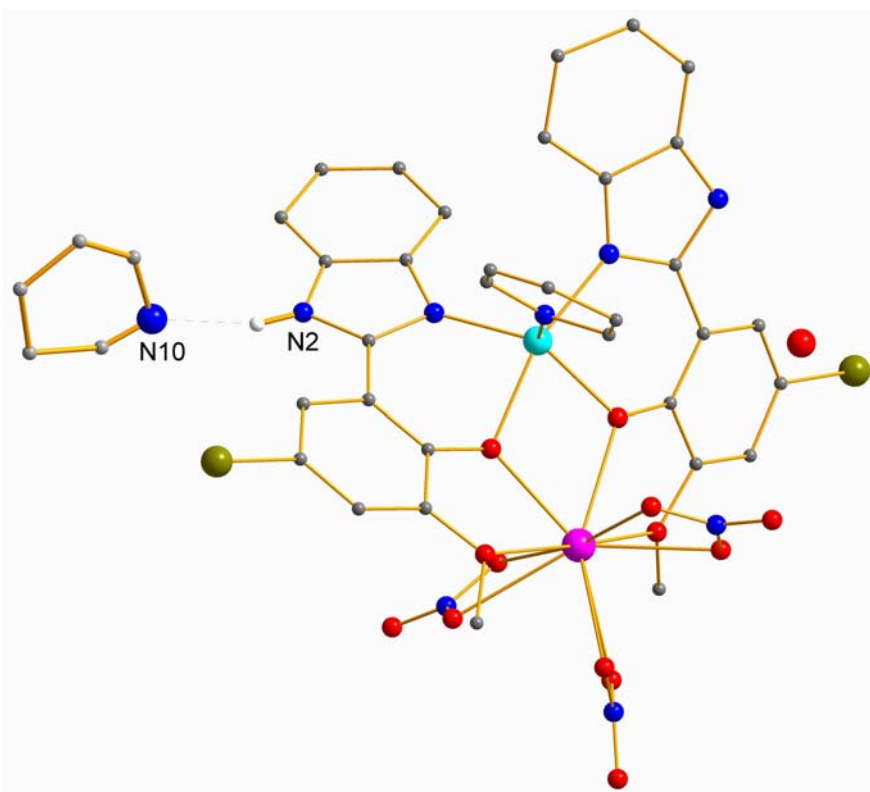


Fig.S3 Perspective drawing of **3**, showing the intramolecular hydrogen bond between host structure and solvate pyridine