

Supplementary material for:

**Synthesis and Structural Characterization of a Heterometallic 3d-4f (Zn/La)
Naphthalene-Bridged Salen Complex**

Jake M. Farnsworth ¹, Nikita Chaudhary ¹, Matthias Zeller ² and Evan R. Trivedi ^{1,*}

¹Department of Chemistry, Oakland University, Rochester, MI 48309; jmfarnsworth@oakland.edu (JMF),
nchaudhary@oakland.edu (NC)

²Department of Chemistry, Purdue University, West Lafayette, IN 47907; zeller4@purdue.edu (MZ)

*Correspondence: trivedi@oakland.edu; Tel.: +1-248-370-2147

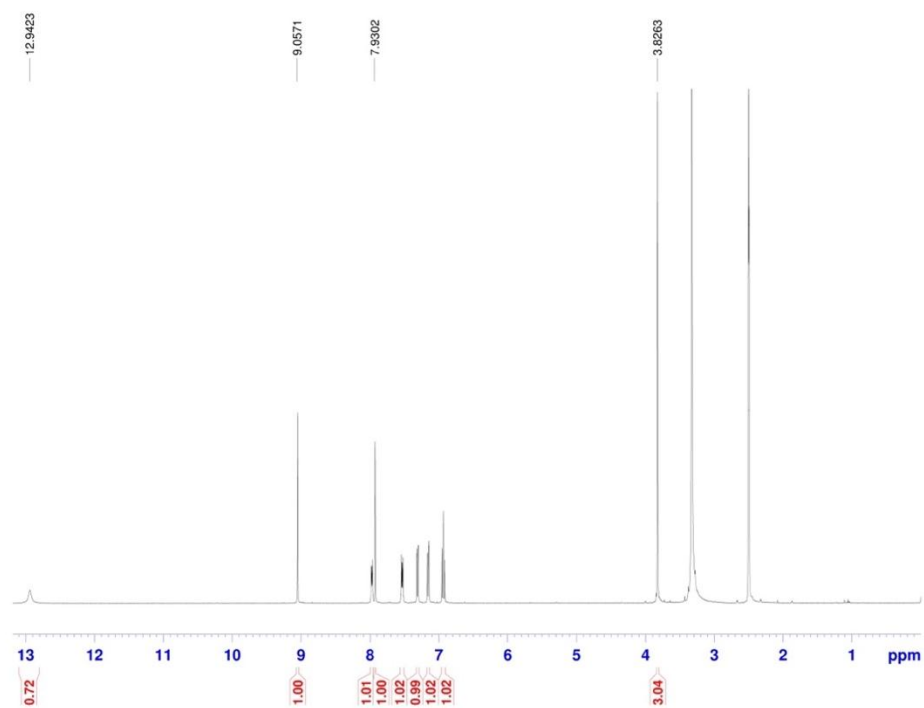


Figure S1 – ¹H NMR spectrum of ligand **1** in DMSO-d₆; residual H₂O signal at 3.33 ppm.

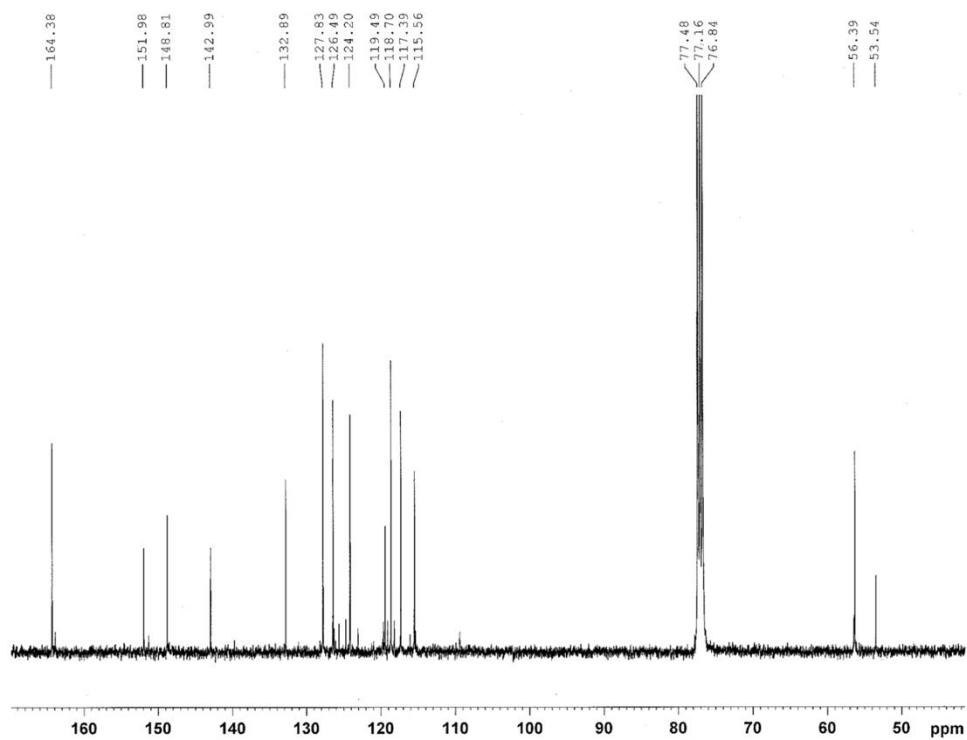


Figure S2 – ¹³C NMR spectrum of ligand **1** in CDCl₃; residual dichloromethane signal at 53.54 ppm.

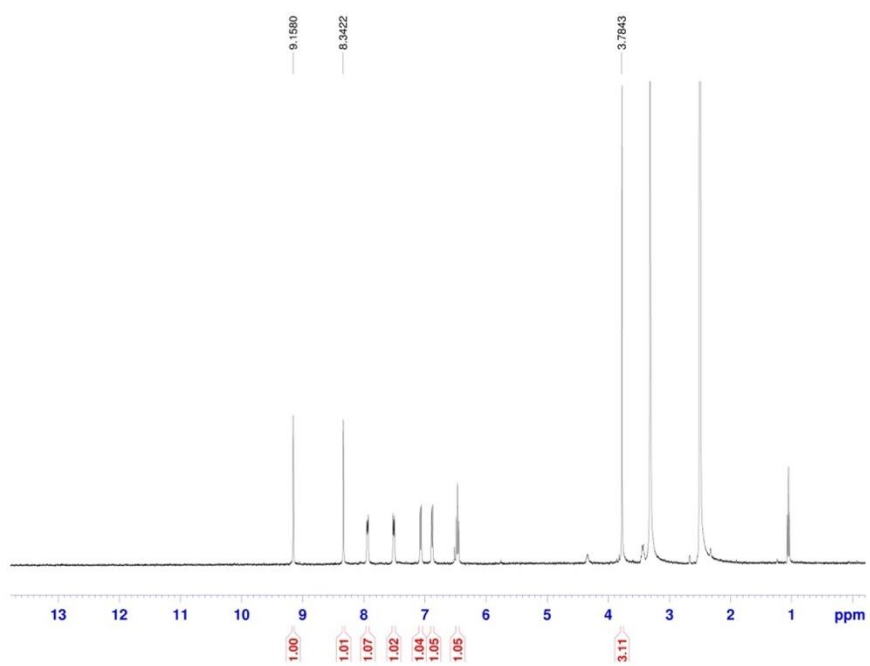


Figure S3 – ^1H NMR spectrum of ZnL complex **2**; residual ethanol signals at 1.06 and 3.44 ppm.

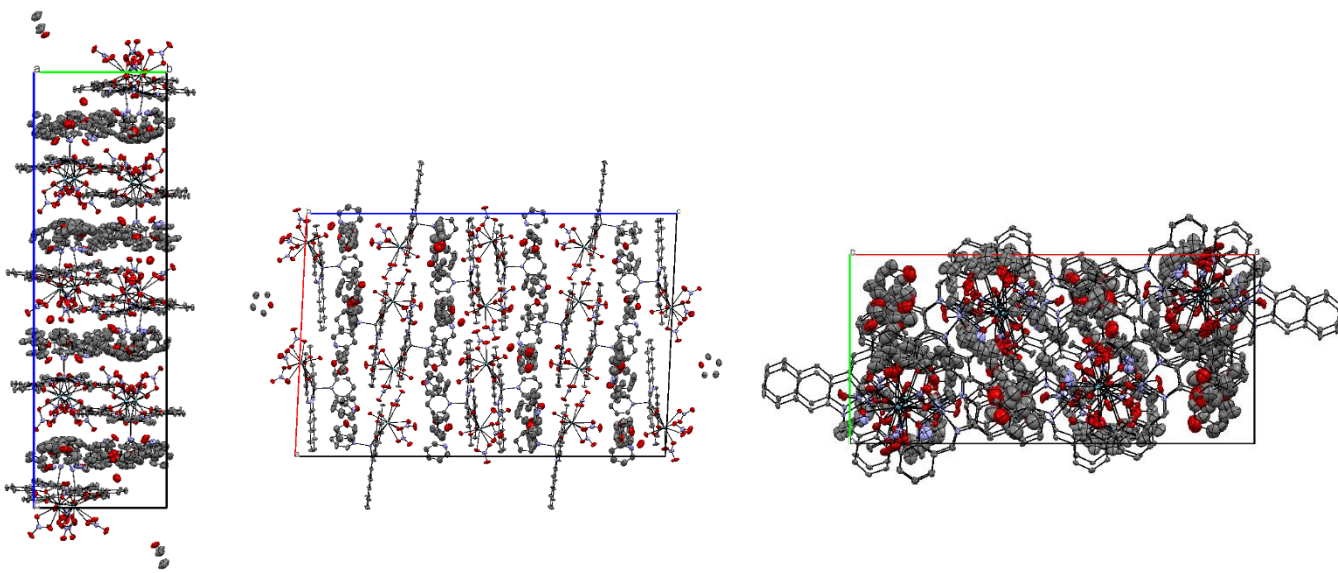


Figure S4 – Crystal packing with solvent molecules included.

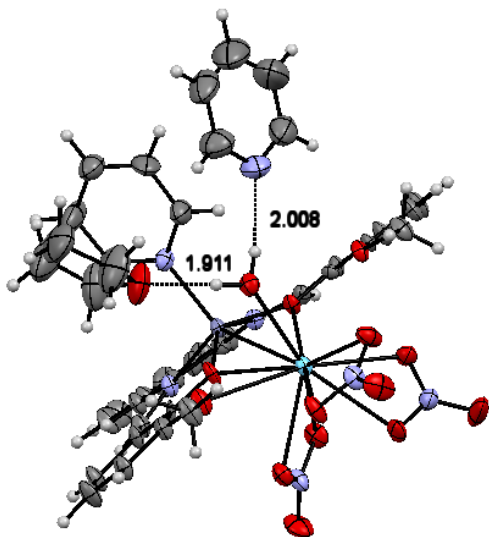


Figure S5 – Perspective view showing H-bonded solvent molecules (THF and pyridine).