



STRUCTURAL
CHEMISTRY

Volume 74 (2018)

Supporting information for article:

Construction and photoluminescence properties of a three-dimensional Zn^{II} coordination network based on naphthalene-1,4-dicarboxylic acid and 1,6-bis(pyridin-3-yl)-1,3,5-hexatriene

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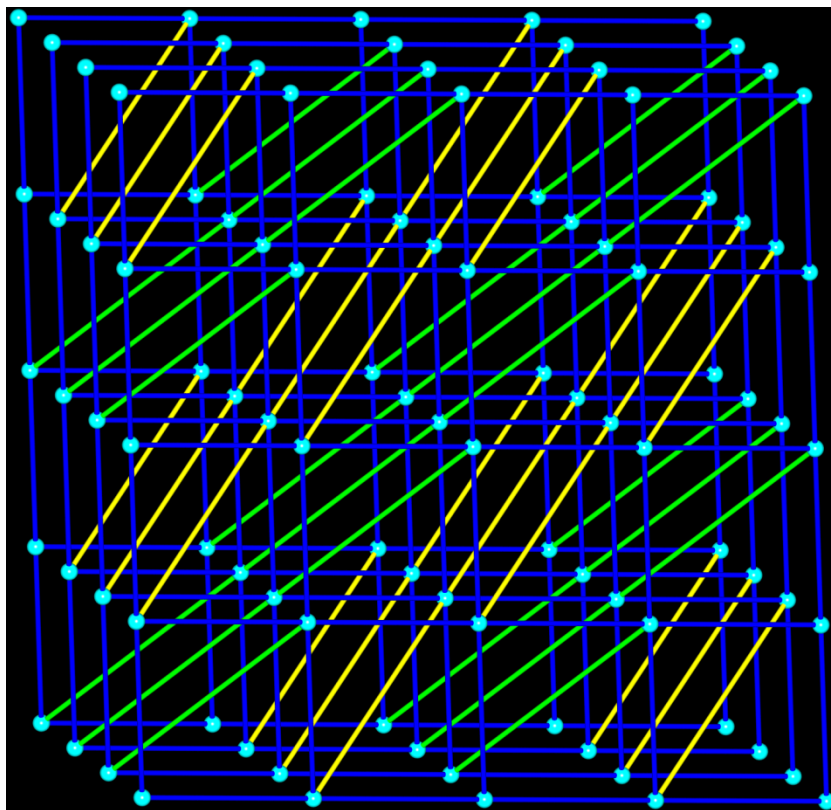


Figure S1 The topological net of the 3D network of (I). The blue lines represent 1,4-ndc²⁻ ligands while the green and yellow lines represent 3,3'-bphte ligands that arranged in different directions.

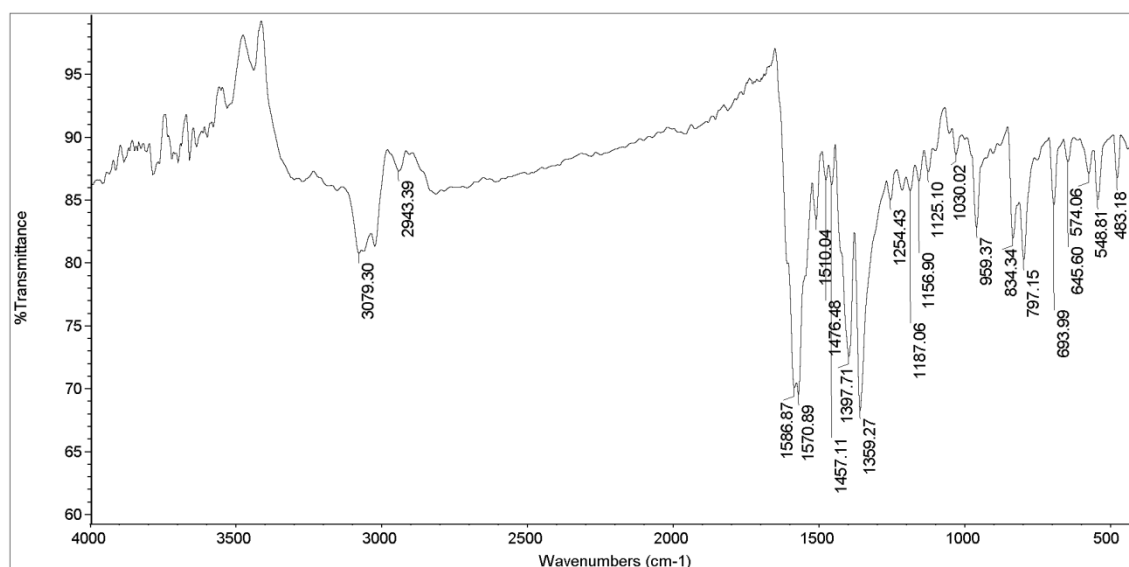


Figure S2 The IR spectrum of (I).

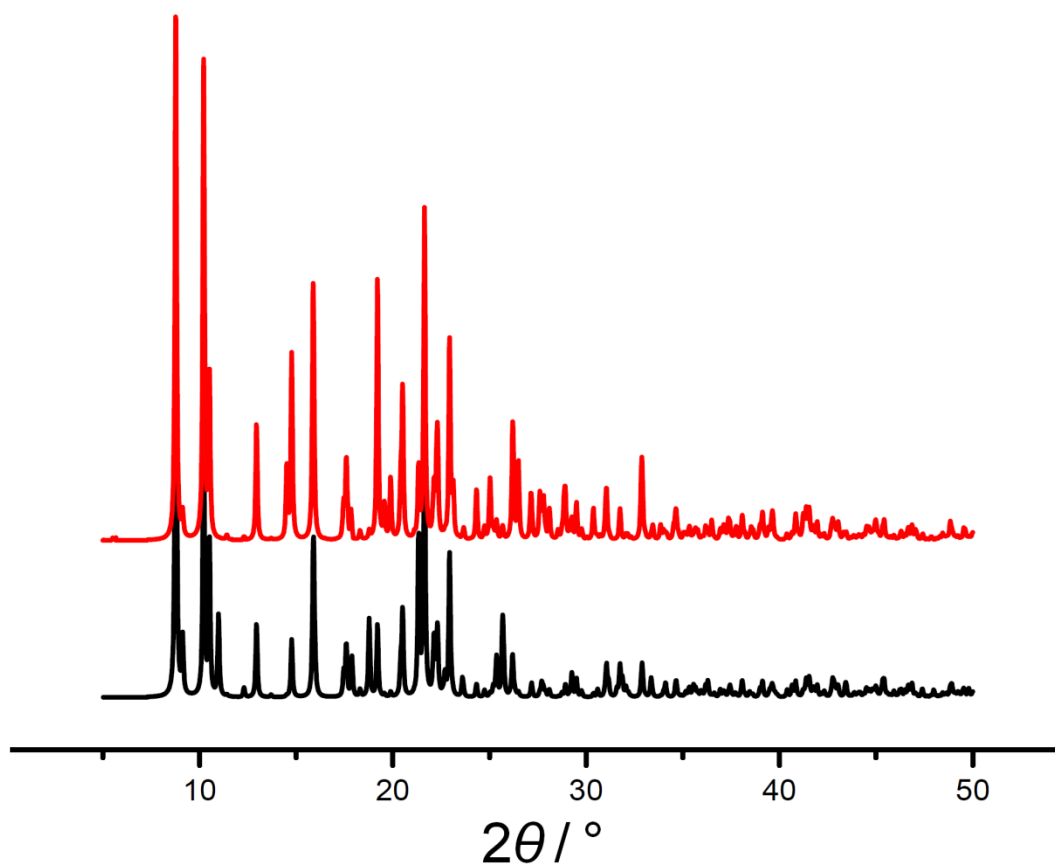


Figure S3 Experimental (red) and simulated (black) PXRD patterns of (I).

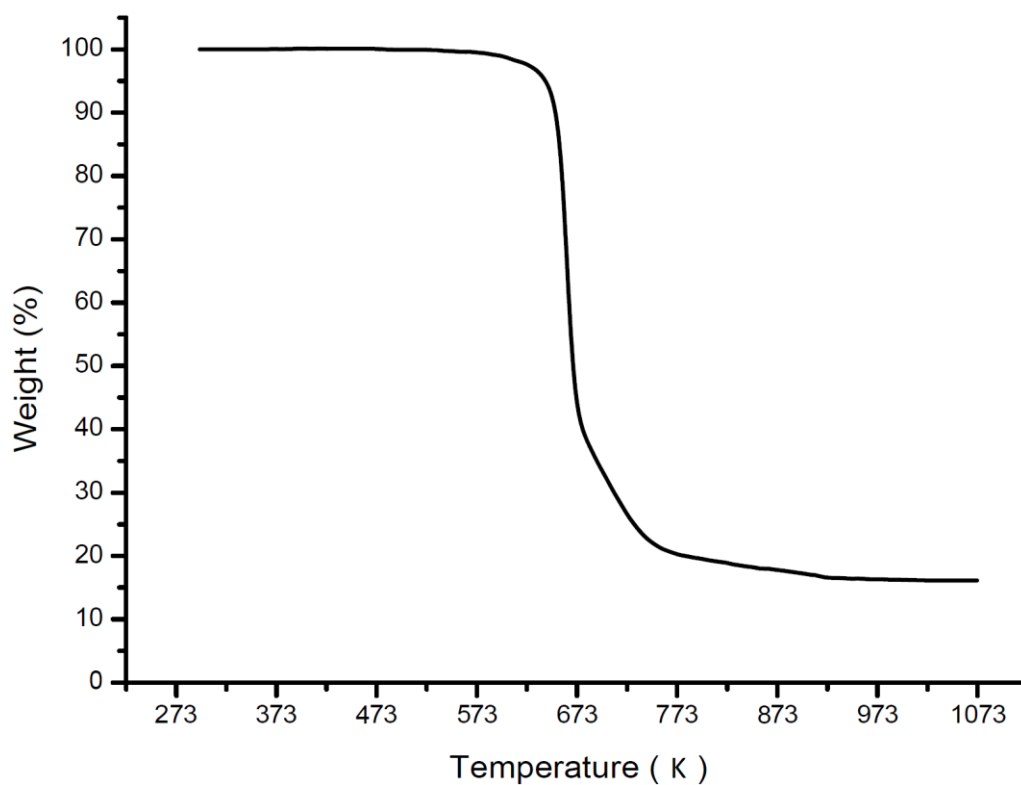


Figure S4 The TGA curve for (I).

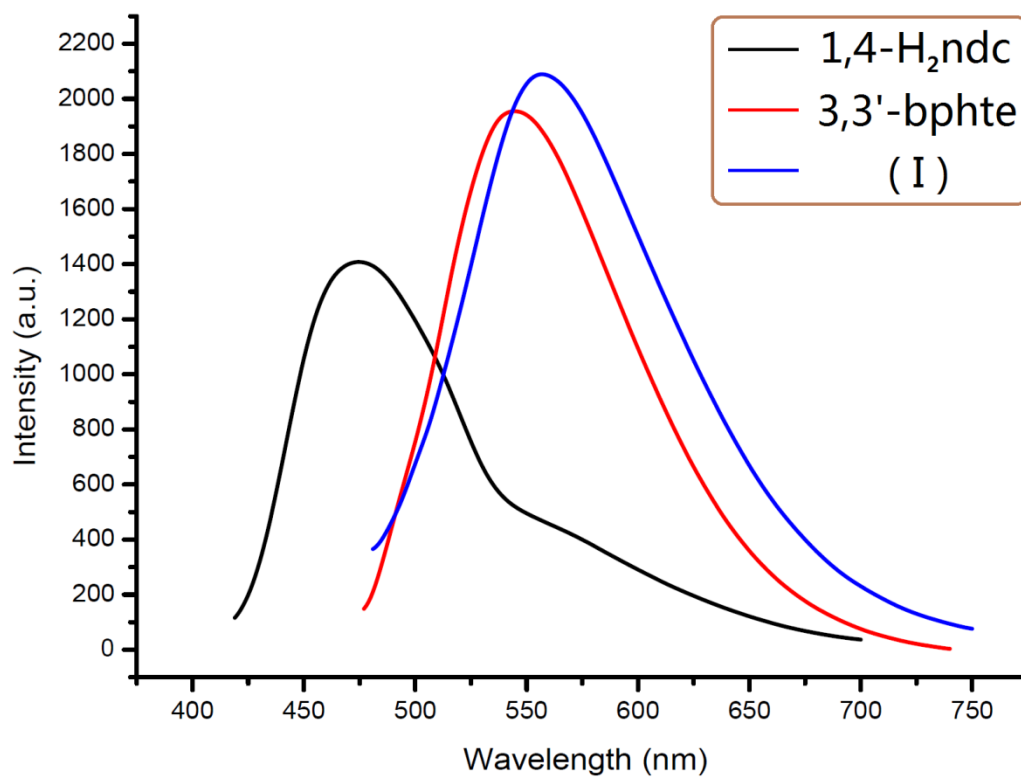


Figure S5 Emission spectra of 1,4-H₂ndc, 3,3'-bphte and (I) in the solid state at room temperature.