Supplementary Information

Preparation and Structural Characterization of A Novel Dicopper(II) Complex with a Terminal Hydroxide. Structural Model of an Active Site in Phosphohydrolases

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Fig. S1 The effective magnetic moments of 1 depended on temperature from 300 K to 20 K.

Fig. S2 The molar magnetic susceptibilities of 1 depended on temperature from 300 K to 20 K fitted using the modified Bleaney-Bowers equation.

Fig. S3 Positive ion electrospray ionization mass spectrum of [Cu^{II}_2(TNPDO)(OH)(F)]^+.

Fig. S4 The spectral change of 1 (0.50 mM) from pH 3.9 to 9.6 in MeCN/H_2O (with a 1/1 ratio) solution at the range of 300-600 nm.

Scheme 1. HTNPDO.
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**Fig. S4**
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