Supplementary information

Figure S1: Phase-shifted Fourier transform of 1 (left) and EXAFS spectrum of P-1 (right)
Figure S2: The EXAFS analysis (phase-shifted Fourier transforms) of left) 2 and right) E-2. Red line is theoretical fit, black line is experiment.
Figure S3. ORTEP (50% probability ellipsoids) of iron-oxo-hydroxo core (i.e. carbon/hydrogen atoms of vinylbenzoate ligands, solvent and hydrogens removed for clarity) of 3, note that the centre of the cluster sits on a crystallographic 2-fold axis. 50% of the atoms in this unit depicted by the asterisk are generated by: $x, -y+1/2, -z+1/2'$
**Supplementary Information:**

**DRUV spectra**

Black = \#1  
Green = E1  
Blue = E1 + acid

Black = \#2  
Green = E2

Black = \#3  
Green = E3  
Blue = E3 + acid  
Red = E3 + acid