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A high-performance Co-MOF non-enzymatic electrochemical sensor for glucose

detection

(a) C23 02 014 C15 012 C16 C21 C22 C18 C24 C14 C11 022 013 C13 011 C1 C12 CO1 C2 01 C3A CL1 C5A C5 C1A (b) C33 C3 C32 02 C31 032 C34 013 C8 C13 C12 031 C5 C7 011 C1 C11 Co C6 N: C17 022 014 C15 C16 C24 C4 12 021 C21 Co C23

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Fig. S1. The ellipsoid diagrams of the asymmetric units in 1 (a) and 2 (b) with 30% probability.

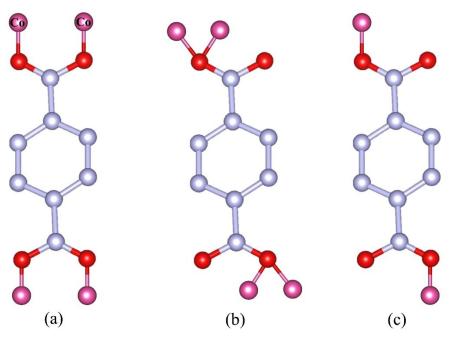
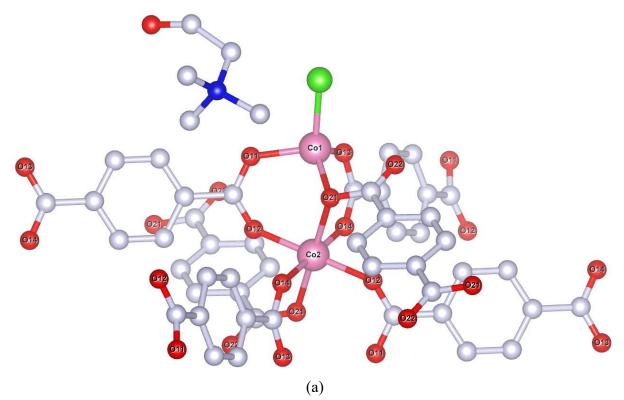


Fig S2. Coordination modes of BDC^{2–} ligands in 1 and 2



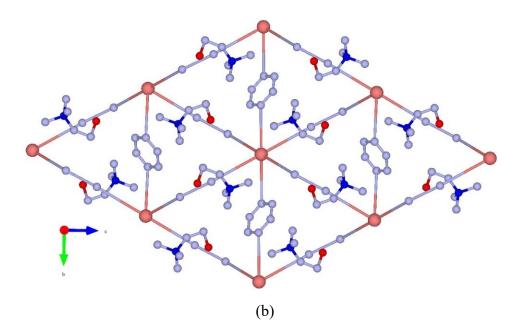


Fig. S3. (a) The coordination spheres of Co(II) centers and (b) the 2D (3,6) layer in 1.

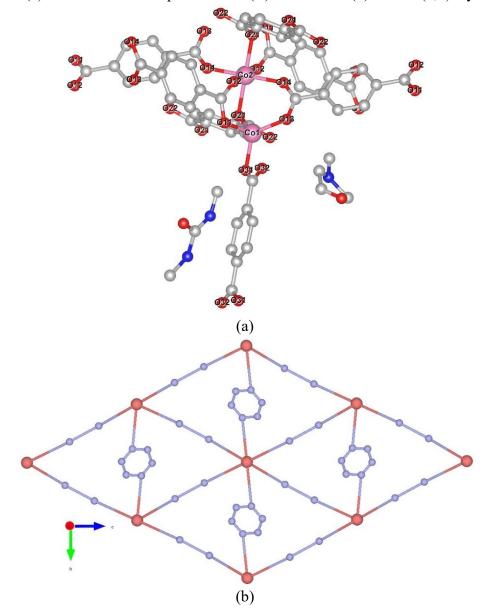


Fig. S4. (a) The coordination spheres of Co(II) centers and (b) the 2D (3,6) layer in 2.