



Fig. S4. Quantitative calculation results of ESM. Compound ABC underwent geometric optimization. For compound A, the average Mn-O bond length and coordination bond angle were 2.056 ± 0.074 , 138.648° , and 69.936° , respectively; for compound B, the values are 1.83 ± 0.194 , 145.818° , and 83.474° ; for compound C, the values are 2.131 ± 0.346 , 101.122° , and 85.789° , respectively.

ESM, esculetin-manganese complex.