



Fig. S5. Antibacterial activity of ESM. Based on the molar mass of **ES** employed in the synthesis process, the final concentrations of **ESM** were 4.8, 2.4, 1.2, and 0.6 mmol/L; those of **ES** were 4.8, 2.4, 1.2, and 0.6 mmol/L; and that of Mn^{2+} was 2.40 mmol/L. At a concentration of 1.2 mmol/L, the minimum bactericidal concentration of **ESM** indicated that neither Mn^{2+} nor **ES** exhibit any antibacterial action.

ES, esculetin; ESM, esculetin-manganese complex.