

Supporting information

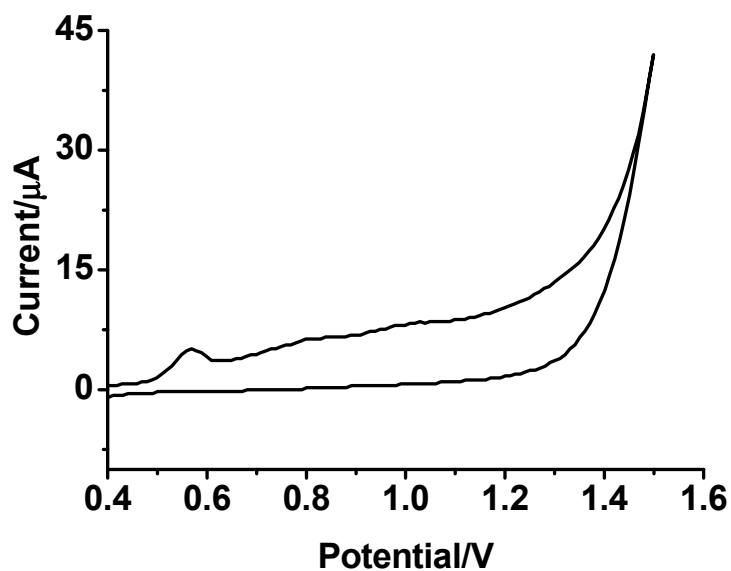


Fig. S1. Cyclic voltammetric curves of 1 mM MG in 0.1 M borate buffer (pH10) at Au electrode,

Scan rate: 100 mV/s.

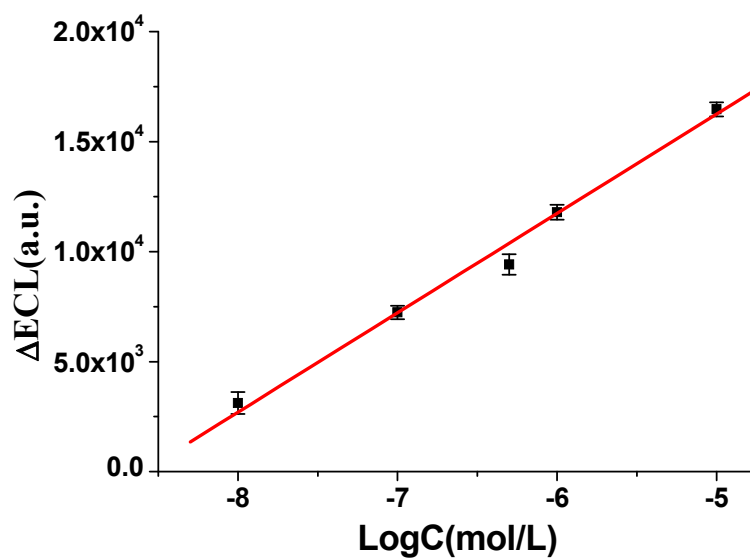


Fig. S2 Dependence of the ECL increasing versus the logarithmic concentration of LMG with 1 mM Ru(bpy)₃²⁺ in 0.1 M borate buffer (pH 10) at Au electrode.

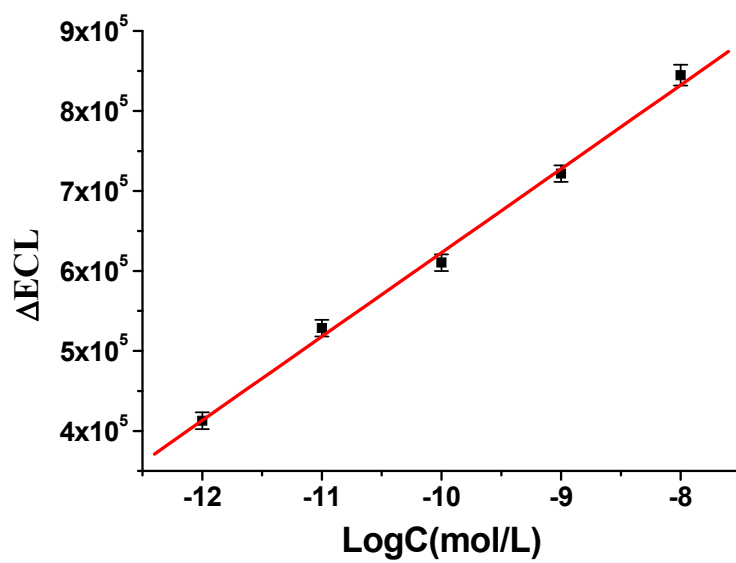


Fig. S3 Dependence of the ECL increasing versus the logarithmic concentration of LMG with 0.4 mM bimetallic ruthenium in 0.1 M borate buffer (pH 10) at Au electrode.