

Electronic supplementary information (ESI) for

Electrocatalytic activity of cobalt Schiff base complex immobilized silica materials towards oxygen reduction and hydrazine oxidation

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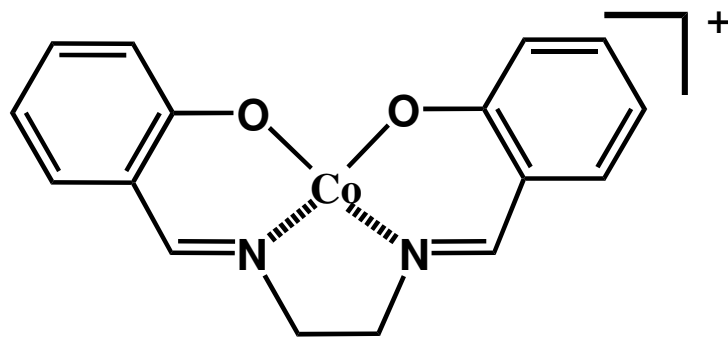
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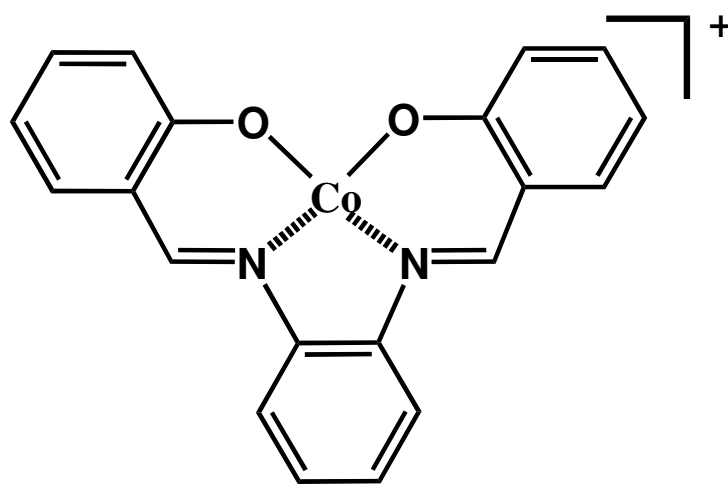
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Co(salen)



Co(salophen)

Fig. S1: Scheme representing the structure of Co(salen) and Co(salophen)

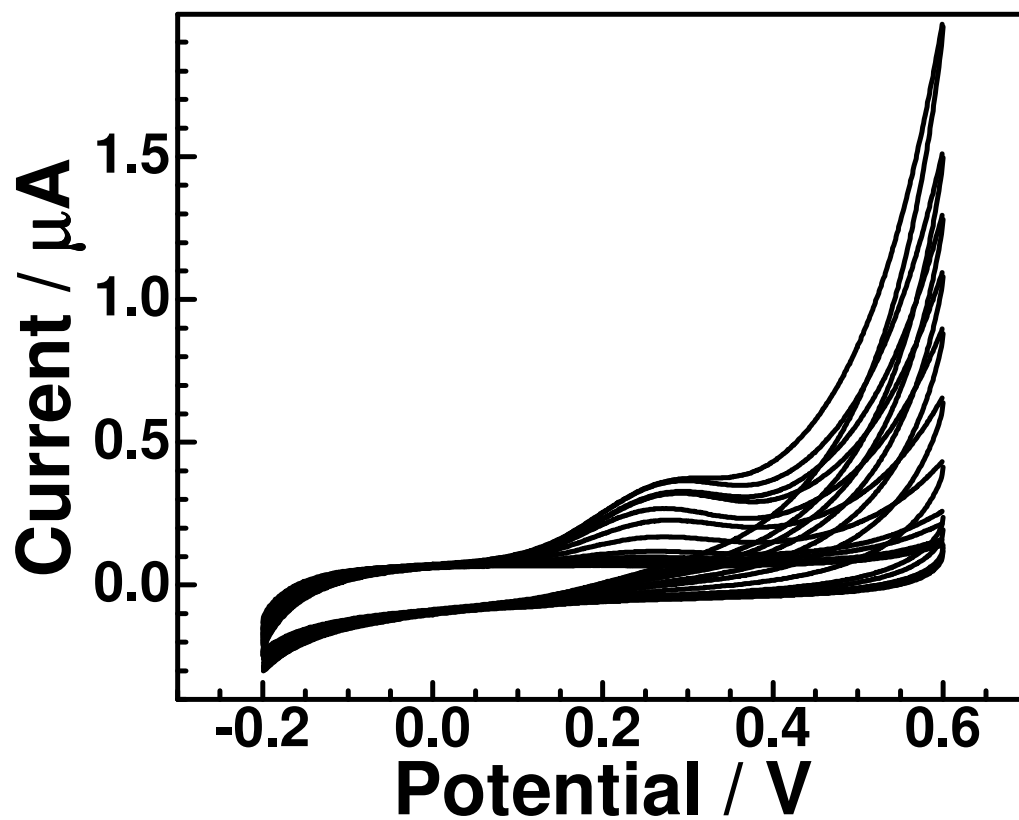


Fig. S2: Cyclic voltammograms of GC/MSS-Co(salen) electrode with different concentrations of HZ (1.0, 5.0, 10.0, 30.0, 50.0, 100.0, 200.0, 300.0, 400.0, 500.0, 600.0 and 1000.0 μM).

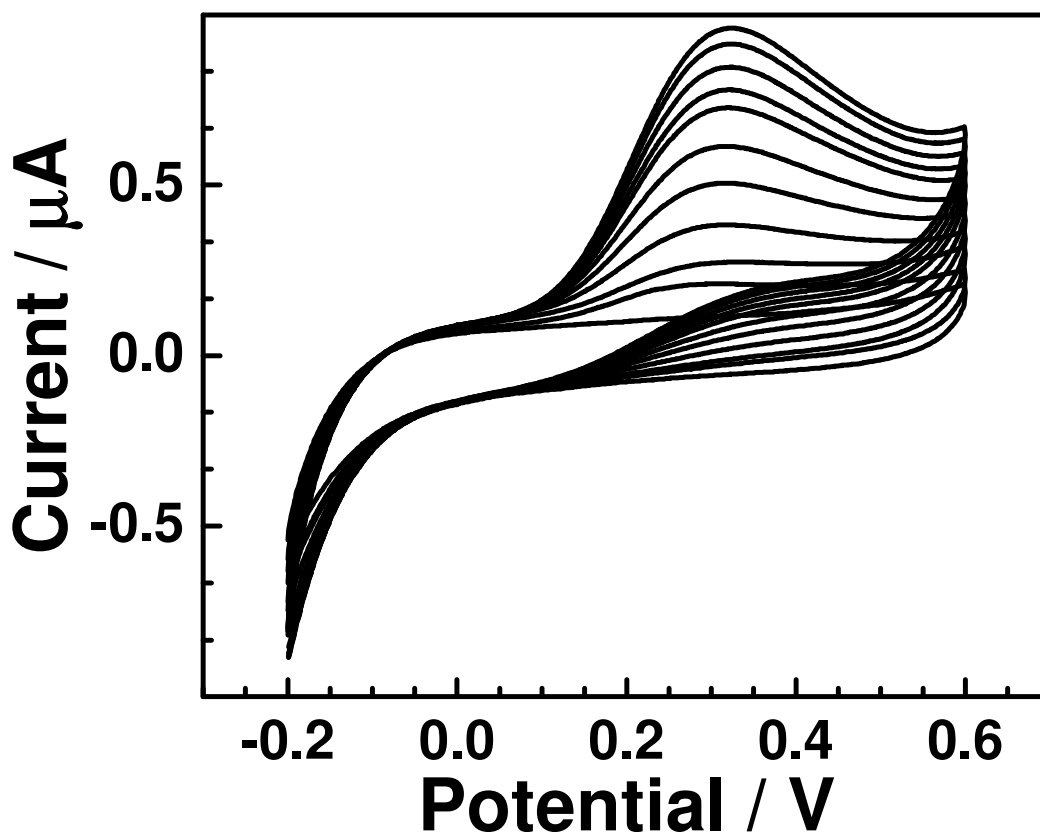


Fig. S3: Cyclic voltammograms of GC/MSS-Co(salophen) electrode with different concentrations of HZ (1.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0, 45.0 and 50.0 μM).

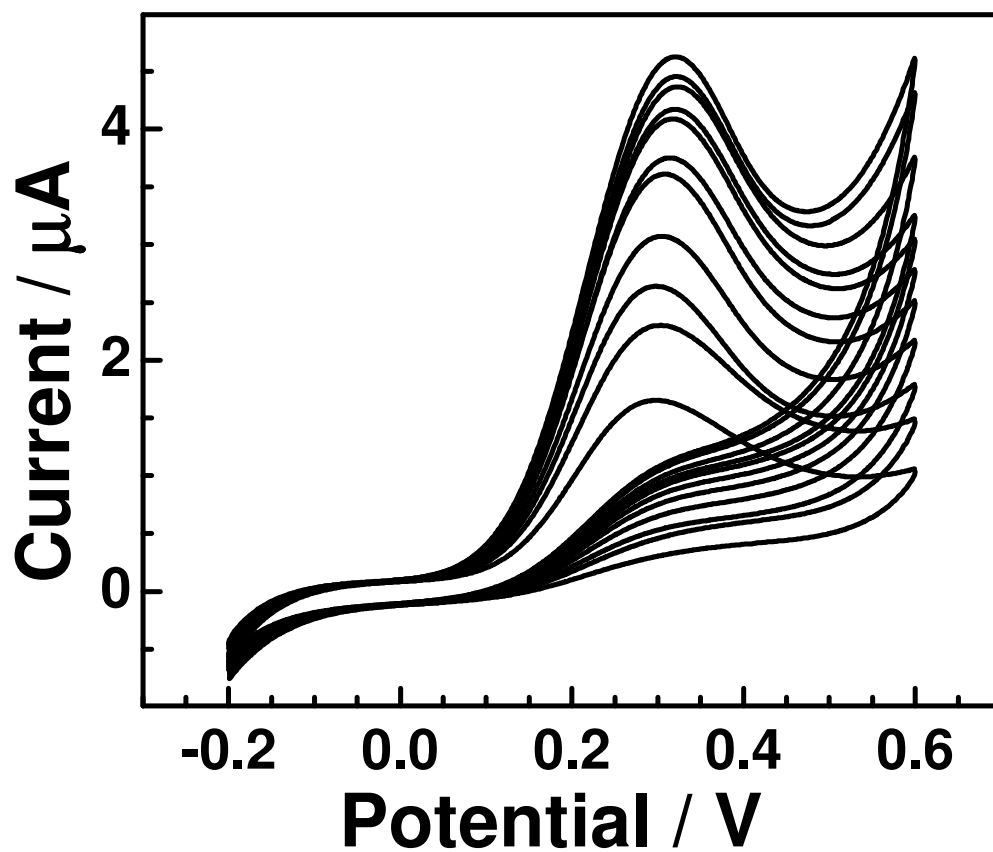


Fig. S4: Cyclic voltammograms of GC/MSS-Co(salophen) electrode with different concentrations of HZ (100.0, 150.0, 200.0, 250.0, 300.0, 350.0, 400.0, 450.0, 600.0, 800.0 and 900.0 μM).