

SUPPLEMENTARY DATA

Bis-Schiff bases of 2,2'-Dibromobenzidine as an efficient corrosion inhibitor for mild steel in acidic medium

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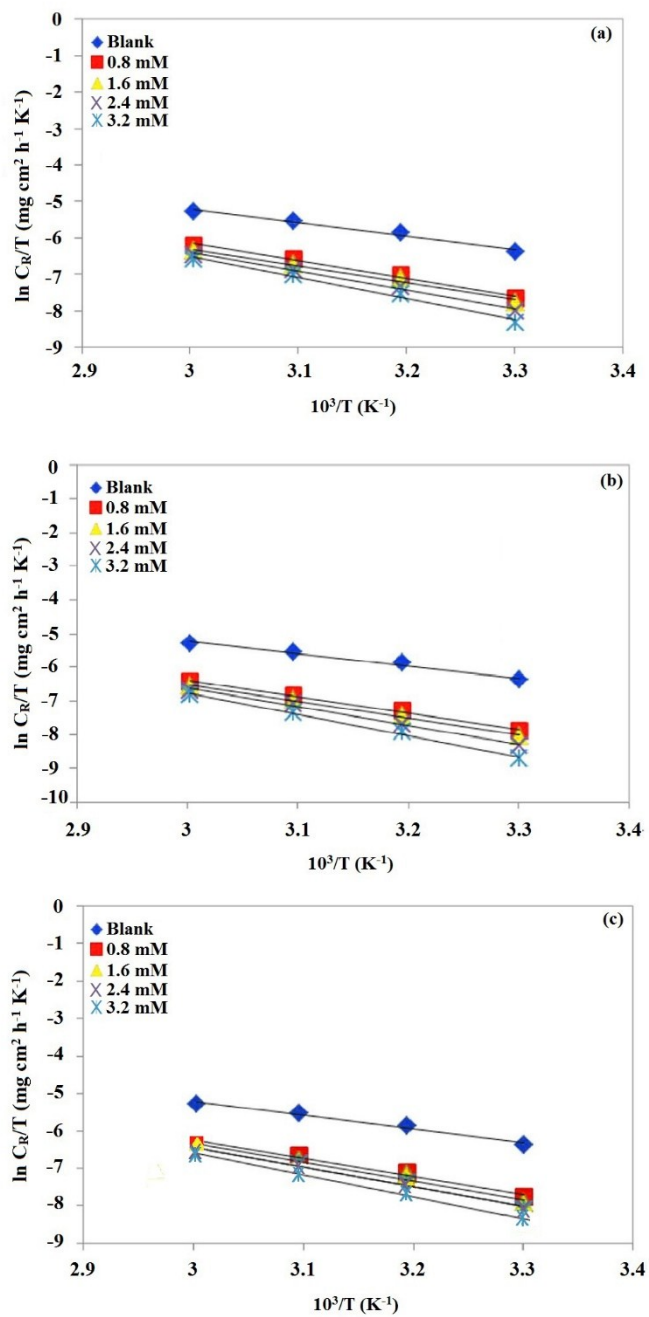


Fig. S1. Alternative Arrhenius plots for mild steel in 0.5 M HCl in the absence and presence of different concentrations of (a) BNSB01 (b) BNSB02 and (c) BNSB03.

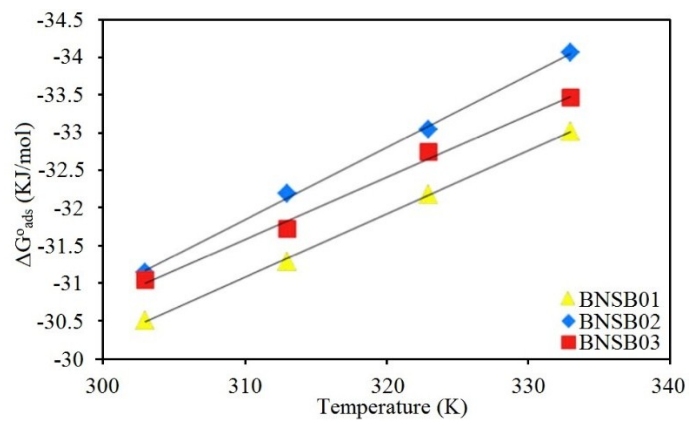


Fig. S2. Plot of ΔG°_{ads} vs. T for BNSB01, BNSB02 and BNSB03.

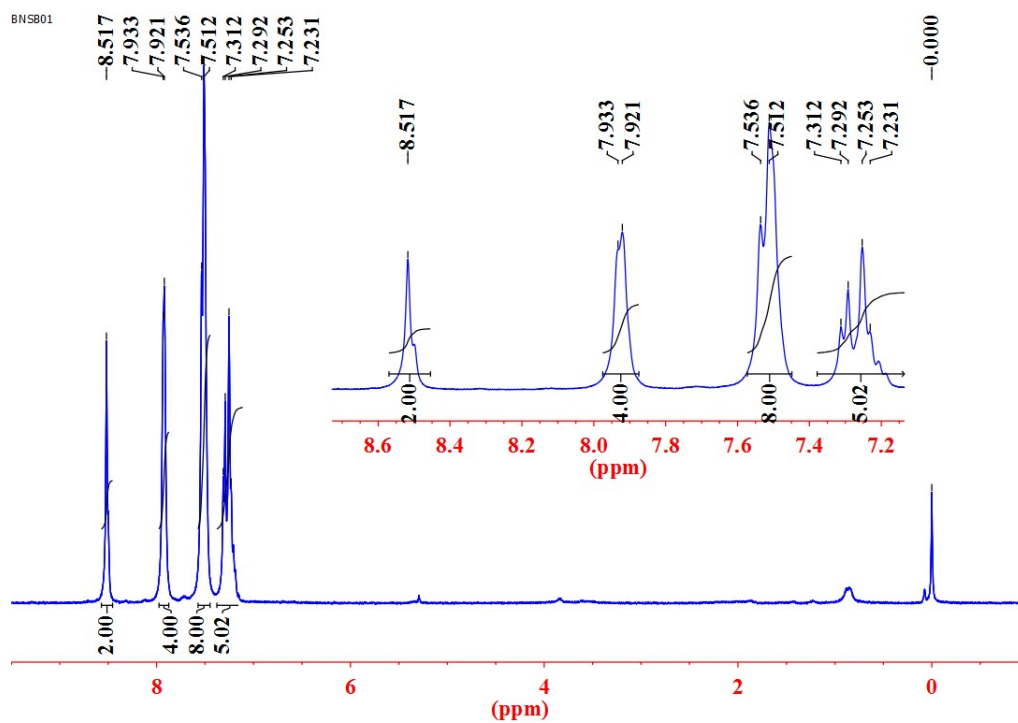


Fig.S3 ^1H NMR of BNSB01

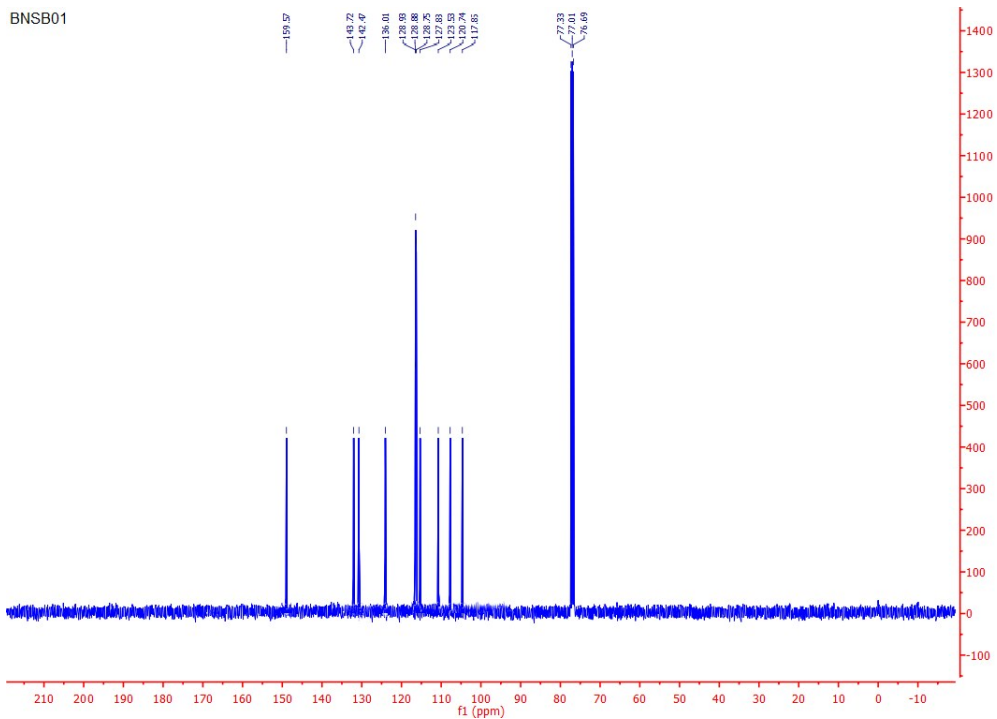


Fig.S4 ^{13}C NMR of BNSB01

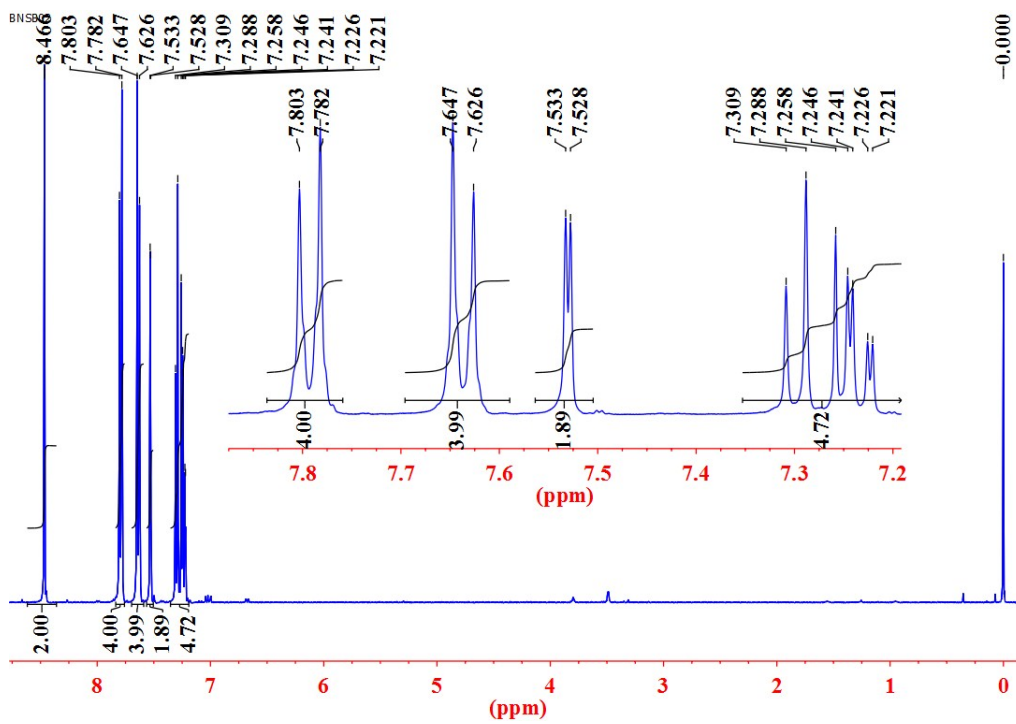


Fig.S5 ^1H NMR of BNSB02

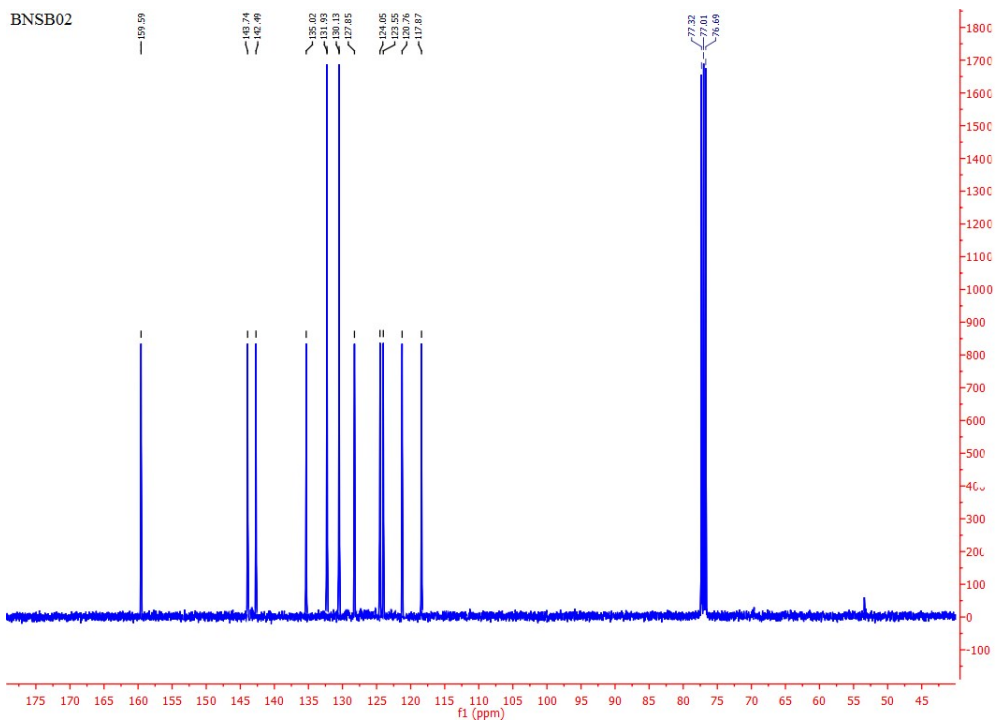


Fig.S6 ^{13}C NMR of BNSB02

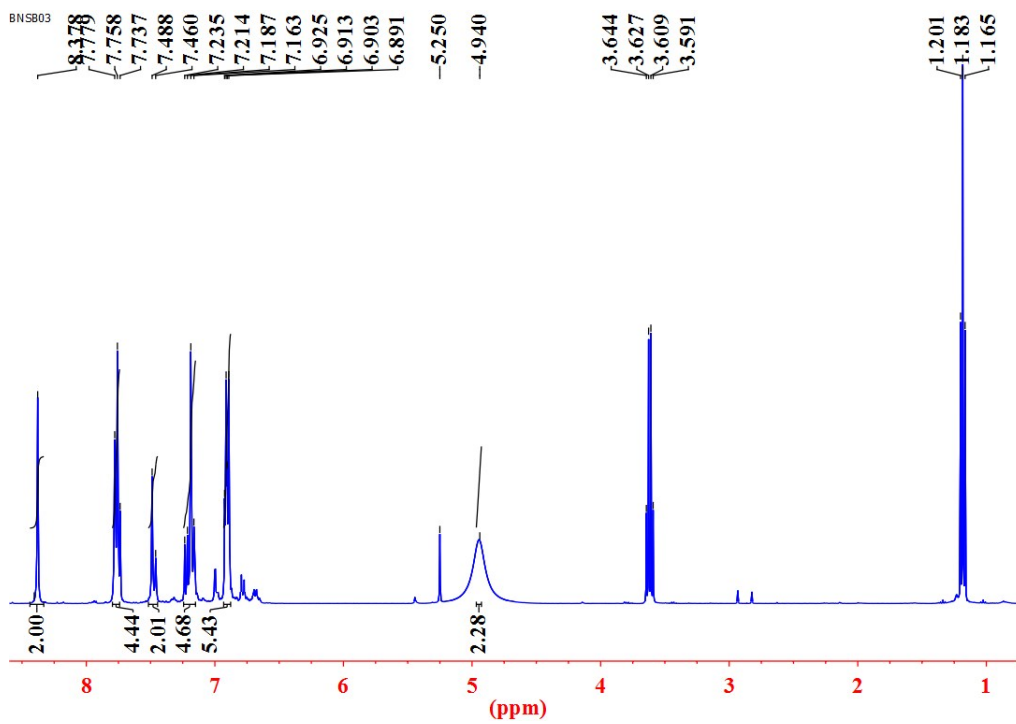


Fig.S7 ^1H NMR of BNSB03

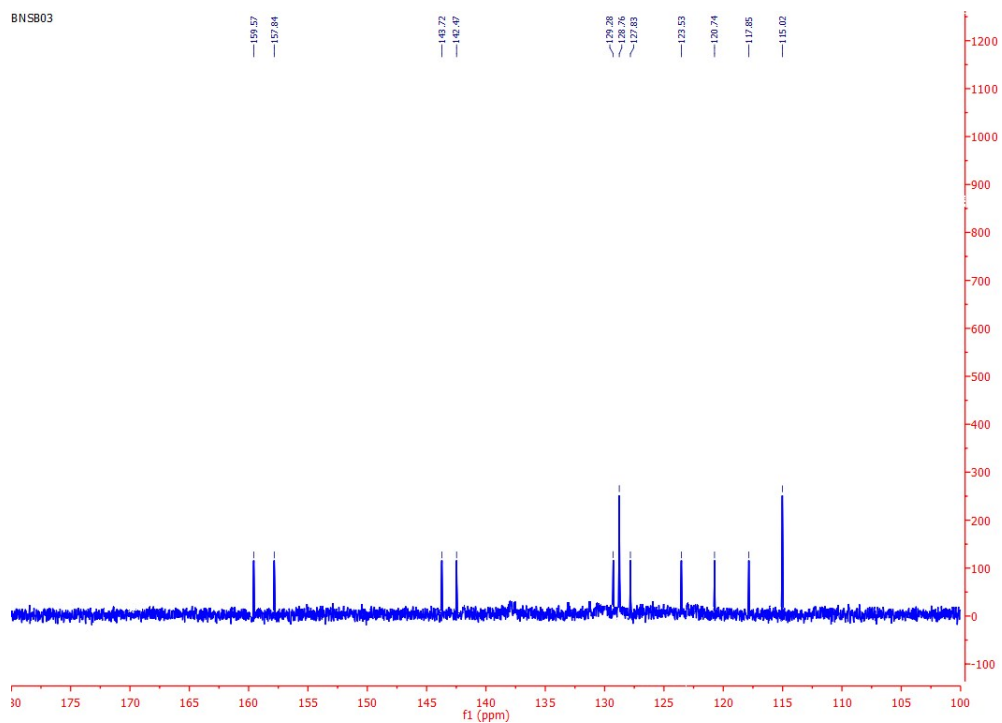


Fig.S8 ¹³C NMR of BNSB03