Synthesis, characterization and corrosion inhibition potential of two novel Schiff bases on mild steel in acidic medium

Archana Pandey\textsuperscript{a,\*}, B. Singh\textsuperscript{a}, Chandrabhan Verma\textsuperscript{b,c}, Eno E. Ebenso\textsuperscript{b,c,\*}

\textsuperscript{a}Department of Chemistry, Centre of Advance Study, Institute of Science, Banaras Hindu University, Varanasi- 221005, India.
\textsuperscript{b}Department of Chemistry, School of Chemical and Physical Sciences, Faculty of Natural and Agricultural Sciences, North-West University, Private Bag X2046, Mmabatho 2735, South Africa
\textsuperscript{c}Material Science Innovation & Modelling (MaSIM) Research Focus Area, Faculty of Natural and Agricultural Sciences, North-West University, Private Bag X2046, Mmabatho 2735, South Africa

*Corresponding Authors: archana.pandey2504@gmail.com; Eno.Ebenso@nwu.ac.za

\textsuperscript{1}H and \textsuperscript{13}C NMR spectra of synthesized SBs:
$^{13}$C NMR: SB-1

$^1$H NMR: SB-2
Fig. S1: $^1$H and $^{13}$C NMR spectra of synthesized SBs.