Electronic Supporting Material

The Effect of Regional Selectivity on the Corrosion Inhibition Properties of Synthetic Ionic Liquid with the Synergistic Action of

Cation and Anion

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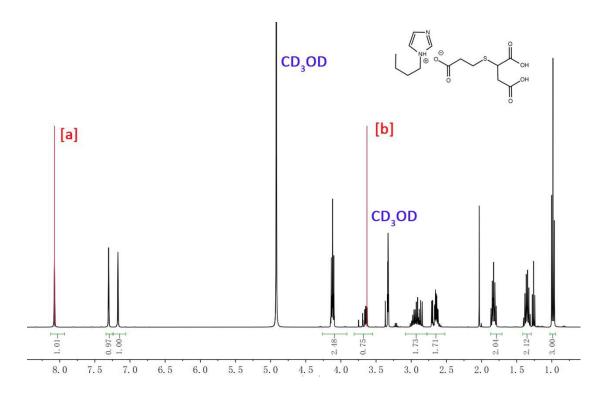
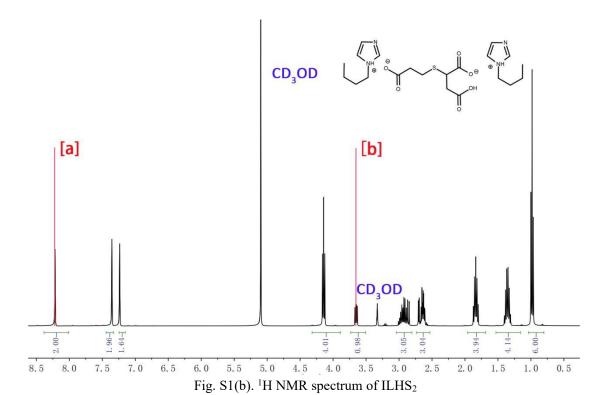


Fig. S1(a). ^1H NMR spectrum of ILHS $_1$



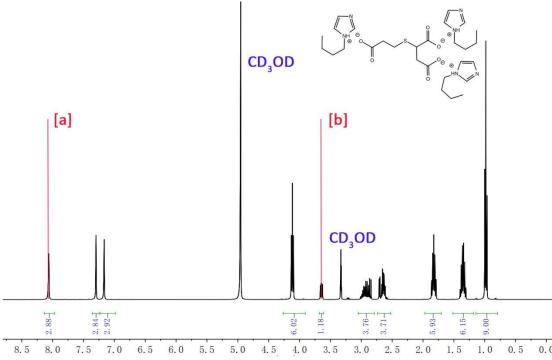


Fig. S1(c). ¹H NMR spectrum of ILHS₃

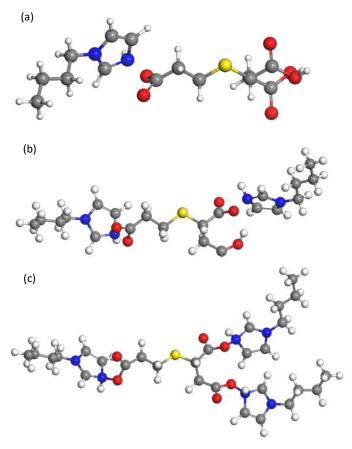


Fig. S2.The structure of three ionic liquid hybrids: $ILHS_1$ (a) and $ILHS_2$ (b) and $ILHS_3$ (c)