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Synthesis, structural, electrochemical and corrosion inhibition properties of two new ferrocene Schiff bases derived from hydrazides

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Two new ferrocene Schiff bases derived from hydrazides have been synthesized and characterized by various spectral techniques and X-ray crystallography. Both the compounds show quasi reversible one electron redox and effective corrosion-inhibition behaviour for mild steel in 0.5M H₂SO₄ medium.

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