**Characterisation of ferrocenylcarbaldehyde hydrazone**

Yield (0.0717 g) M.P.: decomposes without melting, onset occurs at 264 °C. 1H NMR (CDCl3, *δ* ppm): 8.48 (s, 1H, Himine), 4.71 (s, 2H, HFc), 4.46 (s, 2H, HFc), 4.24 (s, 5H, HFc), 1.61 (s, 2H, NH2). 13C{1H} NMR (CDCl3, *δ* ppm): 161.2, 78.1, 70.9, 69.3, 68.7. FT-IR (*ν*max/cm-1): 3095 (N–H), 1627 (C=N).Sparingly soluble in chloroform and dichloromethane.