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Single-Walled Carbon Nanotube Growth using [Fe₃(μ₃-O)(μ-O₂CR)₆(L)₃]ⁿ⁺ Complexes as Catalyst Precursors

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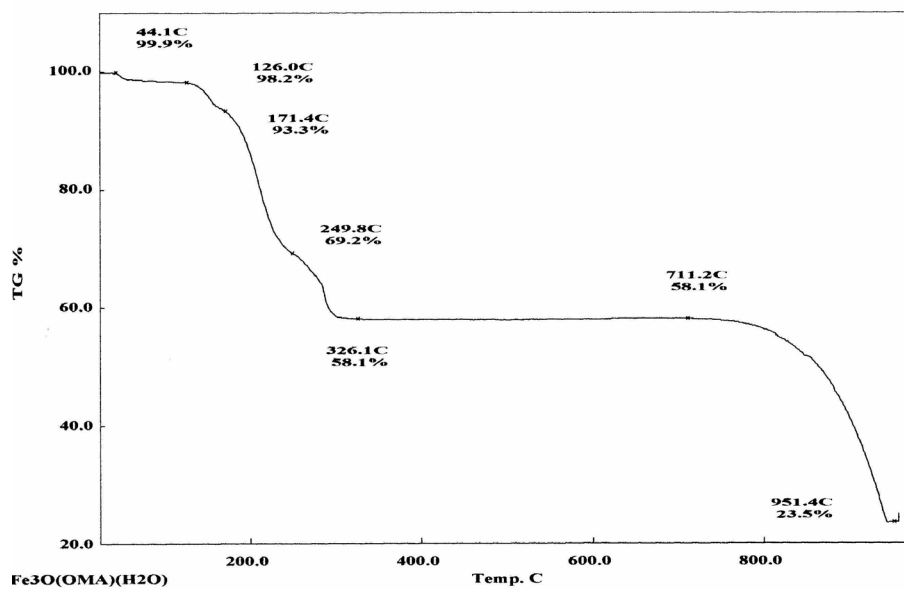


Fig. S1. TGA plot for $[\text{Fe}_3\text{O}(\text{O}_2\text{CCH}_2\text{OMe})_6(\text{H}_2\text{O})_3][\text{FeCl}_4]$ (2).

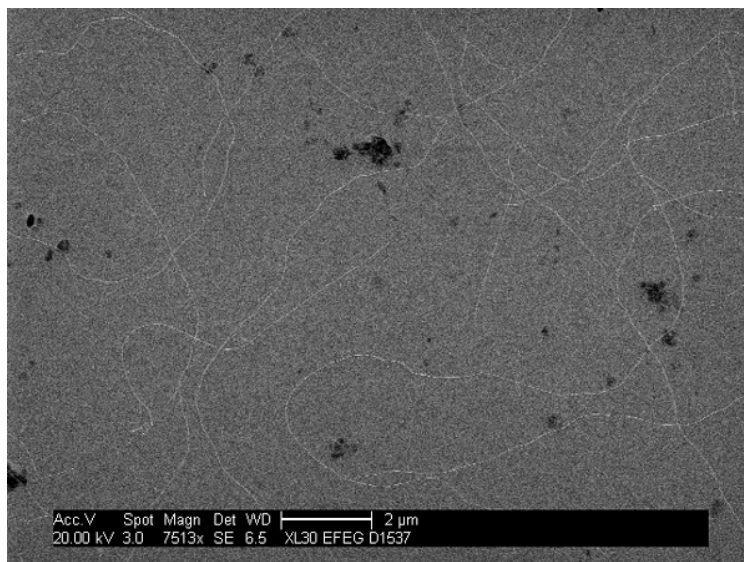


Fig. S2. A SEM micrograph of SWNTs grown on SOG substrate from $[\text{Fe}_3\text{O}(\text{O}_2\text{CCH}_2\text{OMe})_6(\text{EtOH})_3]$ (**1**) using CH_4/H_2 (1:1) at 800 °C.

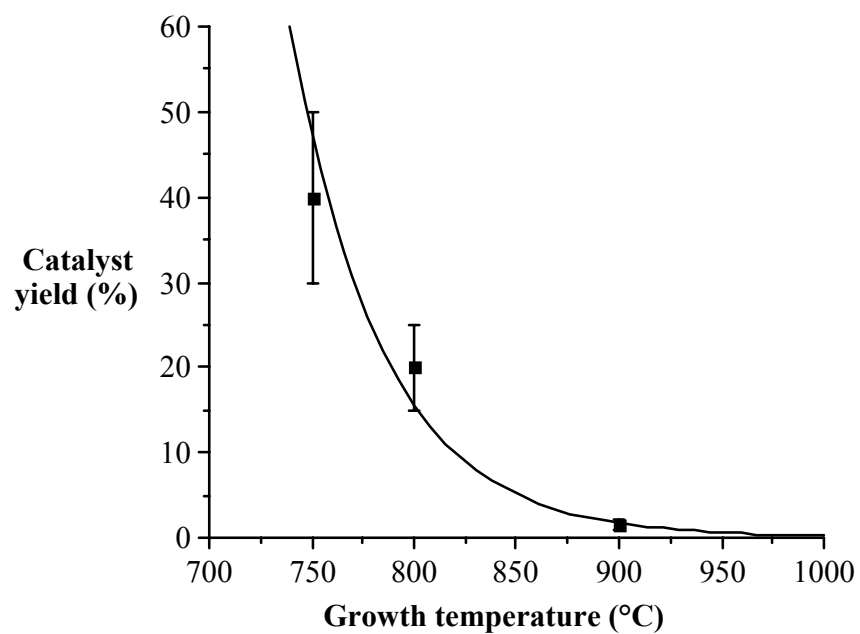


Fig. S3. Plot of percentage of active catalysts as a function of growth temperature. $y = (9.84 \times 10^8)(10^{-0.0097x})$, $R^2 = 0.98$.