Supporting document

Fig. 1: UV-Vis spectrum of $5.50 \times 10^{-6}$ M of complex 2
(a)

(b)
Figure 2: IR spectra of (a) SWCNT-COOH and (b) complex 2, (c) mixture of SWCNT and complex-2 and (d) SWCNT-2 nano-composite.
Fig. 3 Calibration curve of carbofuran on SWCNT-2-SAM

\[ I_p (\mu A) = 0.011 \text{[carbofuran]} \backslash 0.003 \]
\[ R^2 = 0.9996 \]