Electronic Supplementary Information

Fluorescent Chromophore Functionalized Single-wall Carbon Nanotubes with Minimal Alternation to their Characteristic One-dimensional Electronic States

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Fig. S1 $^1$H-NMR spectrum of 4-bromo-N-octadecyl-1,8-naphthalimide (II)
Fig. S2 $^{13}$C-NMR spectrum of 4-bromo-N-octadecyl-1,8-naphthalimide (II)
Fig. S3 $^1$H-NMR spectrum of N-octadecyl-4-piperazin-1-yl-1,8-naphthalimide (NA)
Fig. S4 $^{13}$C-NMR spectrum of N-octadecyl-4-piperazin-1-yl-1,8-naphthalimide (NA)
Fig. S5 $^1$H-NMR spectrum of chromophore functionalized SWNTs (SWNT-NA)
Fig. S6  Surface pressure – surface area isotherm curve of functionalized SWNTs (SWNT-NA)