Noncovalent Attachment of pyro-Pheophorbide \textit{a} to a Carbon Nanotube

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Supplementary material

Fig. 1. Steady state fluorescence spectrum of \textit{2} (dash line) and \textit{2} + SWNT (smooth line). The excitation wave length was set to absorption maximum 415 and 420 nm for \textit{2} and \textit{2} + SWNT, respectively. The used instrument was Cary Eclipse fluorospectrometer.
Fig. 2. The time-resolved fluorescence spectra and curve fitting of 2 (red line) and 2 + SWNT (green line). Excitation pulse was 400 nm.
Fig. 3. TOCSY spectrum of 2+ SWNT pentyl ester recorded on 500 MHz Varian. Lines shows selected correlations in chlorin ring.
Fig. 4. NOESY spectrum of 2+ SWNT pentyl ester recorded on 500 MHz Varian. Lines shows selected correlations in chlorin ring.