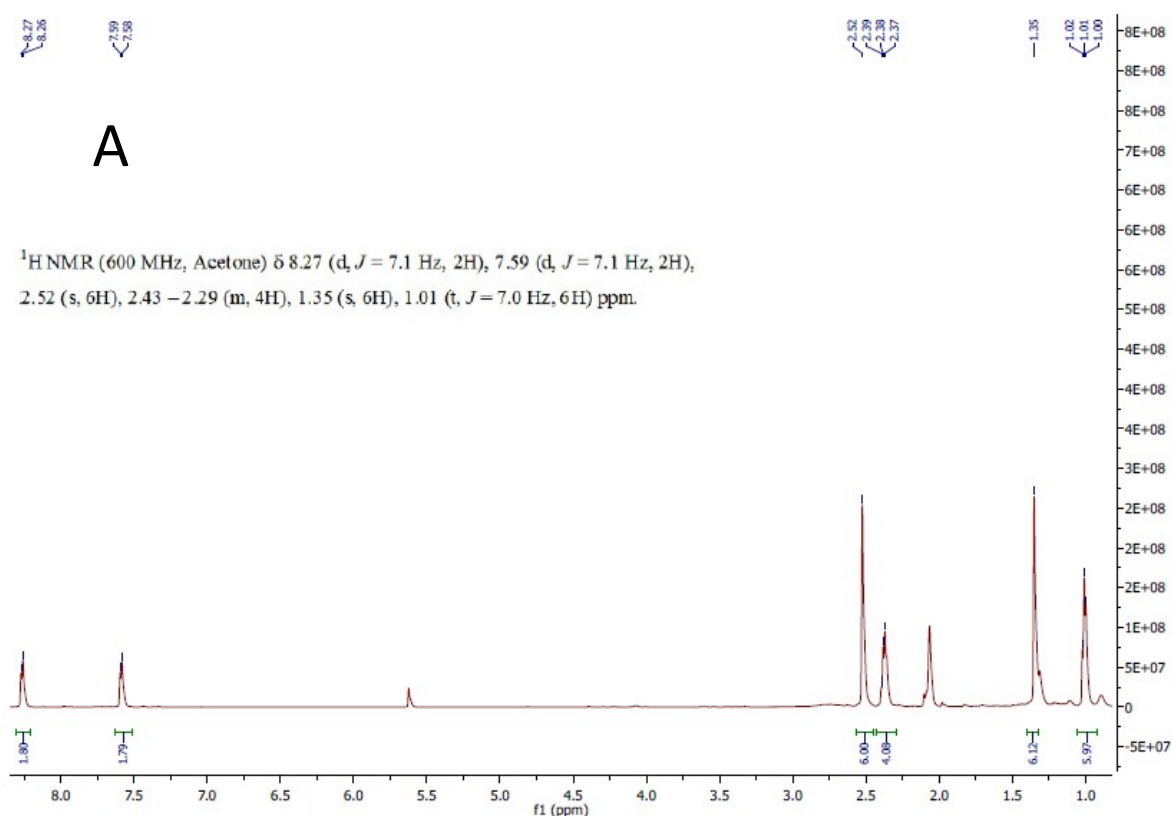


Supplementary information

Synthesis and Photophysical properties of BODIPY-decorated Graphene Quantum Dots- Phthalocyanines conjugates

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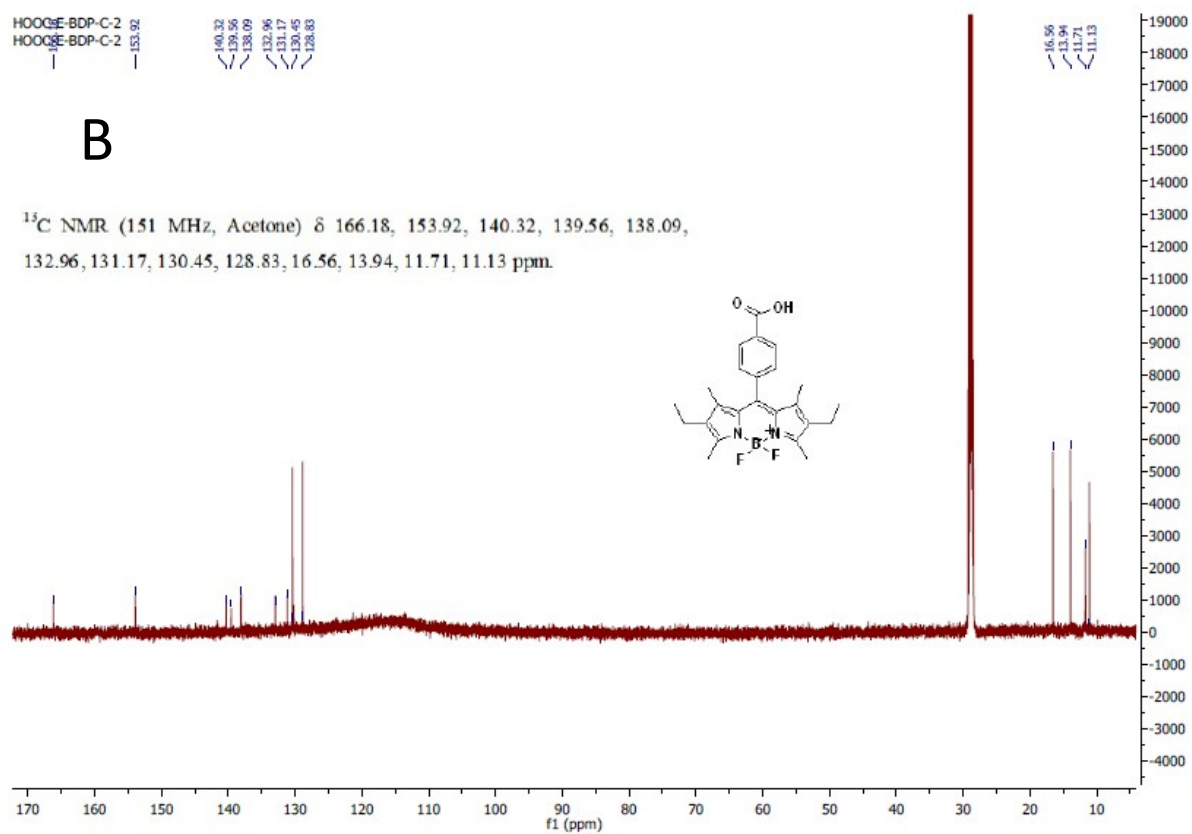


Figure S1: ^1H NMR (A) and ^{13}C NMR (B) of BODIPY in acetone.

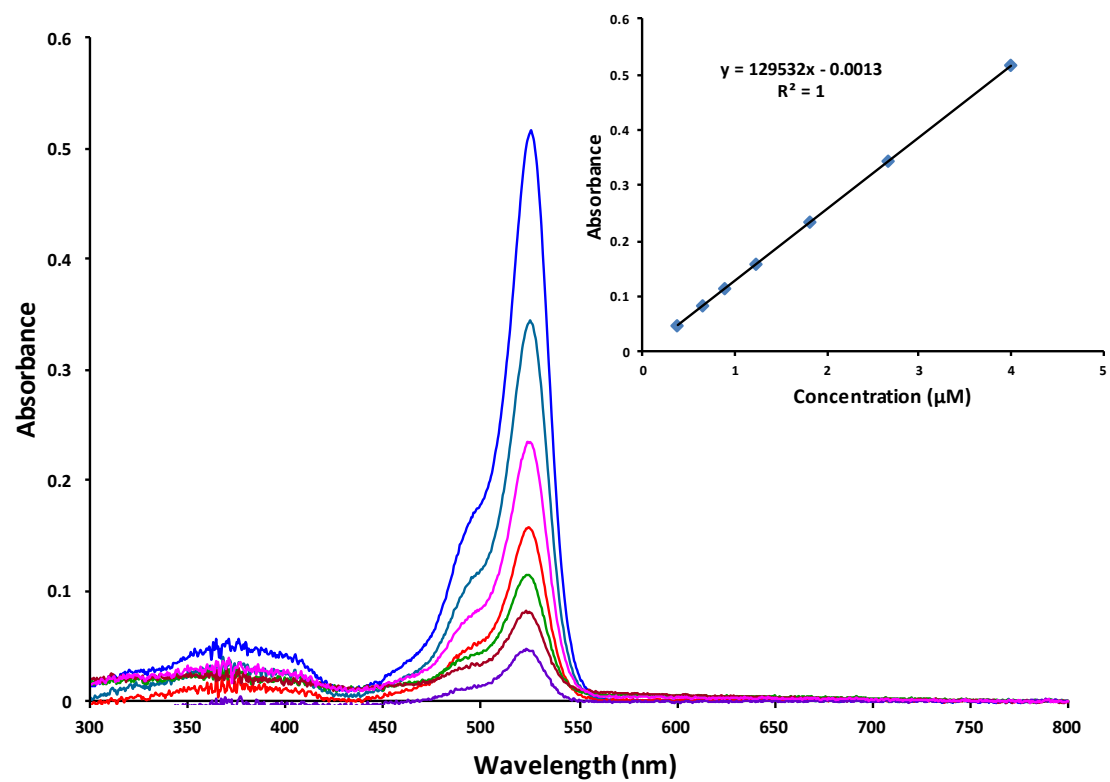


Figure S2. Linear dependence of the absorbance vs concentration for synthesized BODIPY

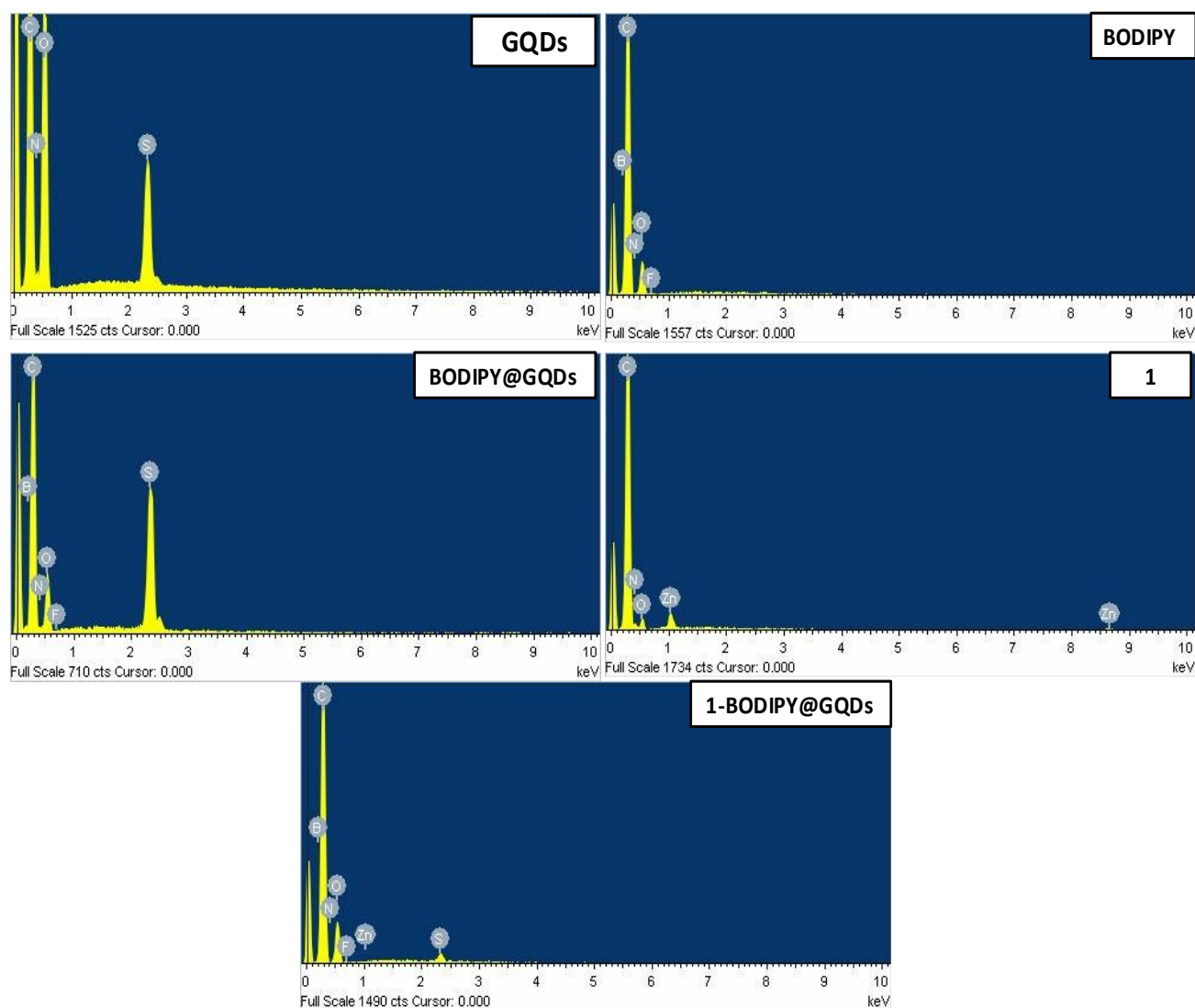


Figure S3: Representative EDX spectra of GQDs, BODIPY, BODIPY@GQDs, complex **1**, and **1**-BODIPY@GQDs showing all expected elements.

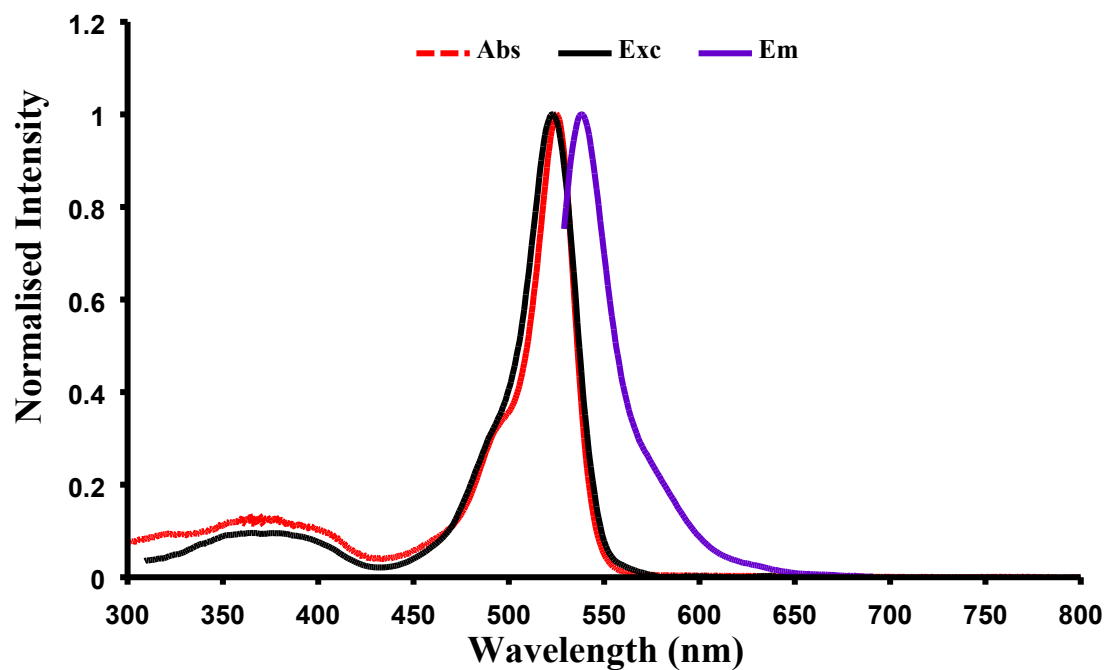


Figure S4: Absorption, excitation and emission spectra of BODIPY alone in DMSO.

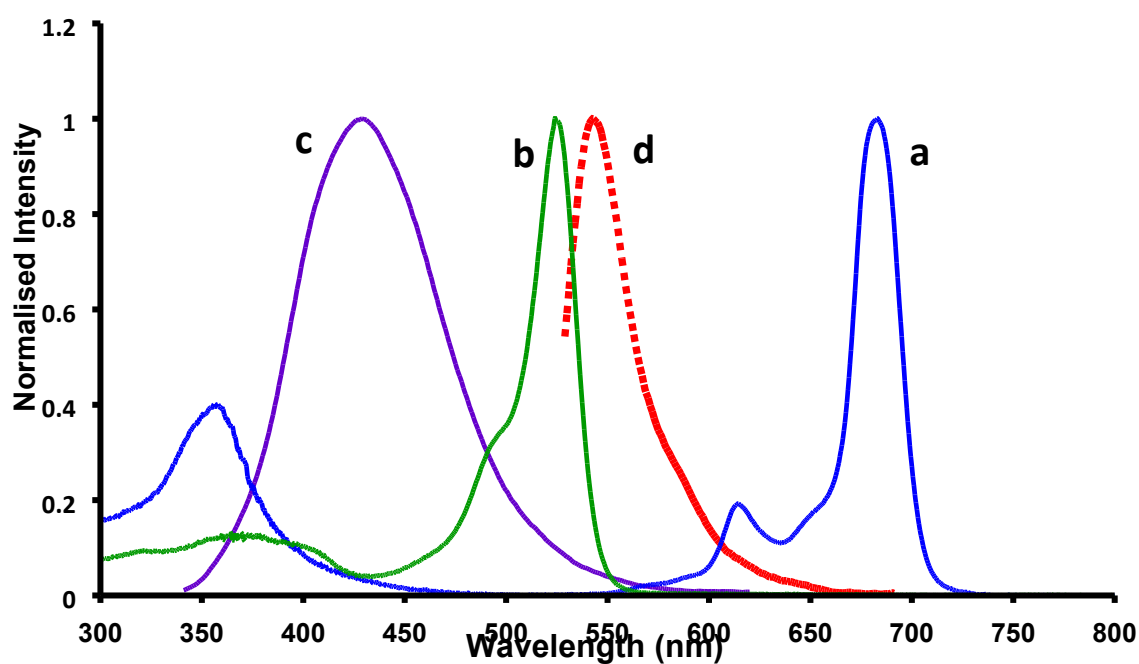


Figure S5. Overlay of absorption spectrum of complex 1 (a) and BODIPY (b), and emission spectra of GQDs (c) alone and BODIPY@GQDs (d).

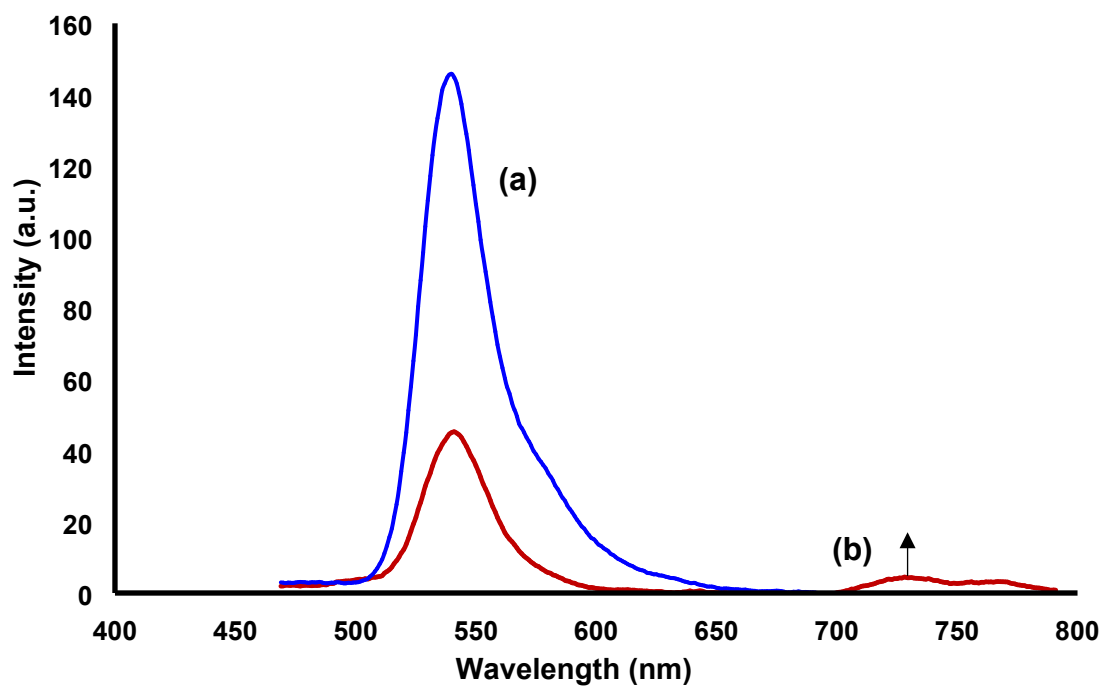


Figure S6: Emission spectra of BODIPY@GQDs alone (a) and in the presence of complex 1(b), upon excitation of (b) at 510 nm in DMSO.

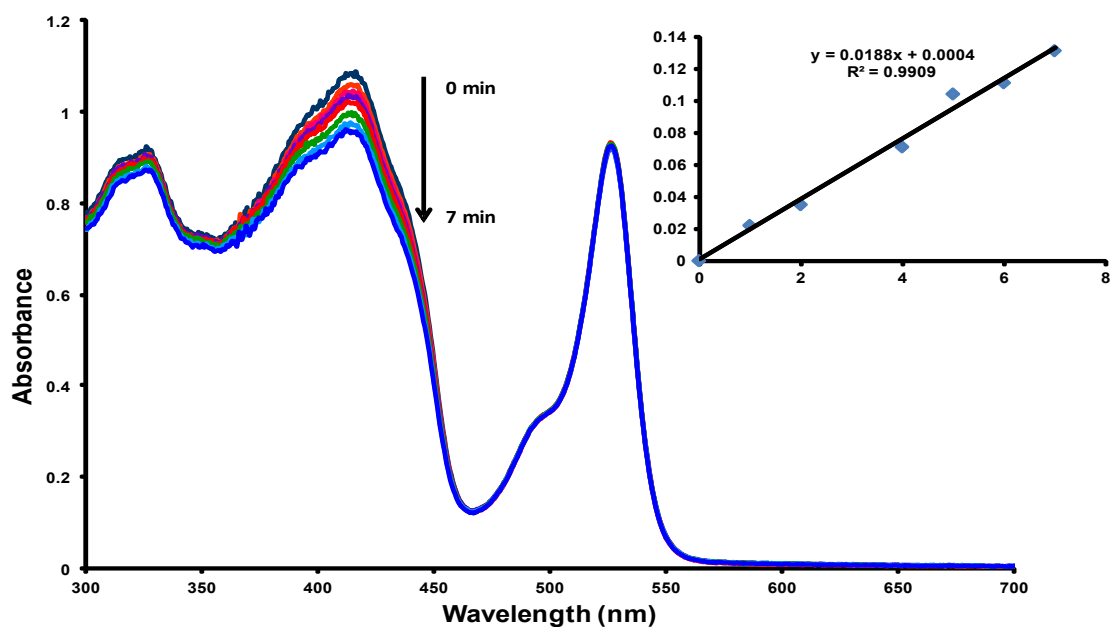


Figure S7: Singlet oxygen generation by BODIPY@GQDs in DMSO.