

Supplementary materials

A highly effective “naked-eye” colorimetric and fluorimetric curcumin-based fluorescent sensor for specific and sensitive detection of H₂O₂ in vivo and vitro

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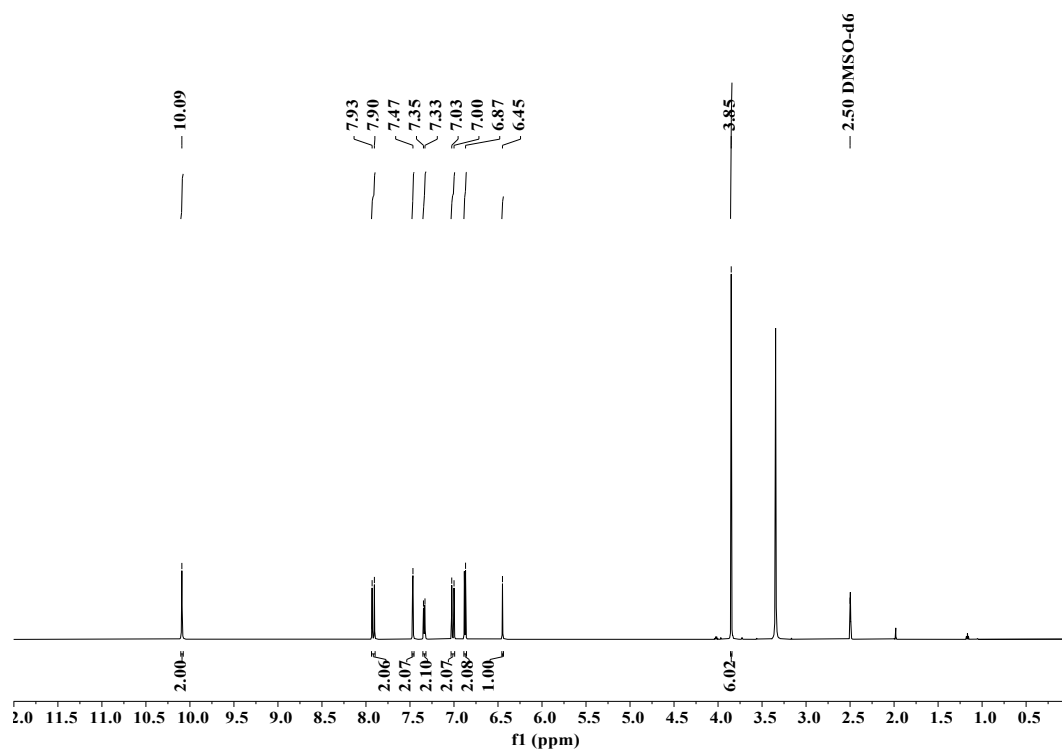


Fig. S1. ^1H NMR spectra of DFC

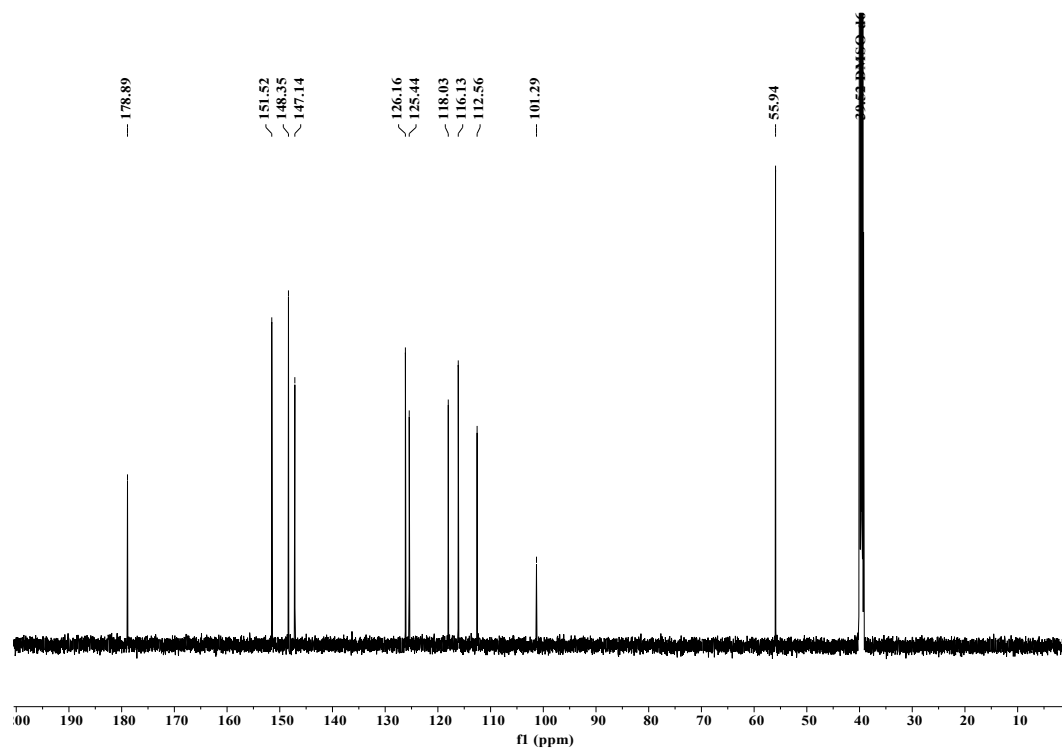


Fig. S2. ^{13}C NMR spectra of DFC

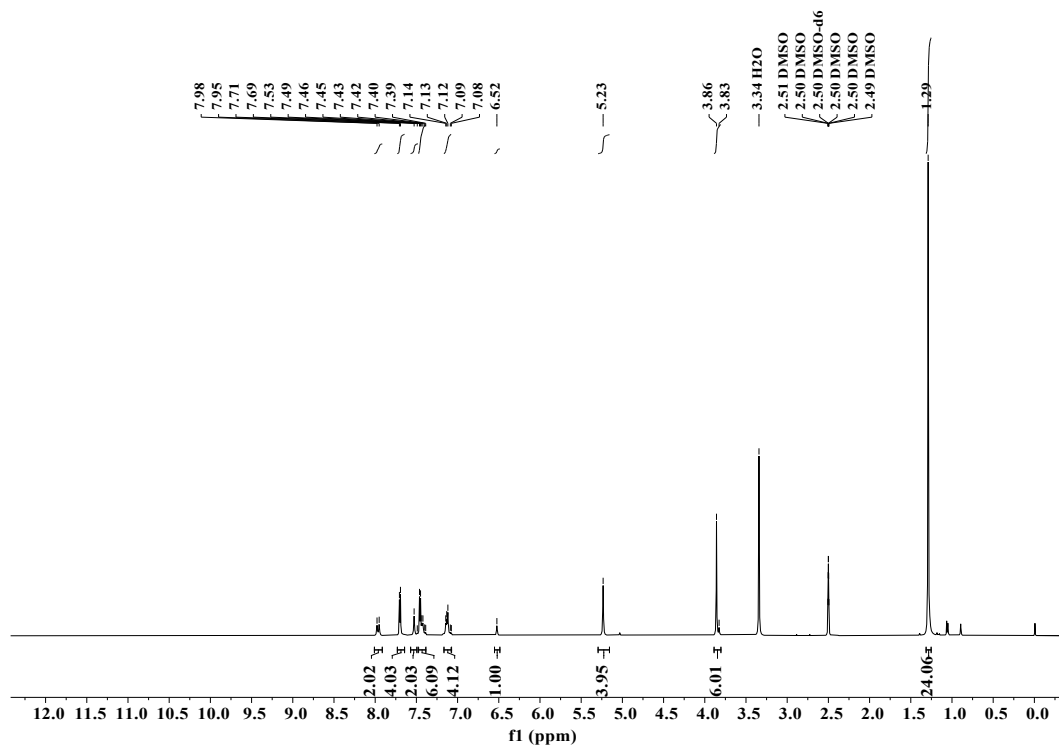


Fig. S3. ¹H NMR spectra of DFCB

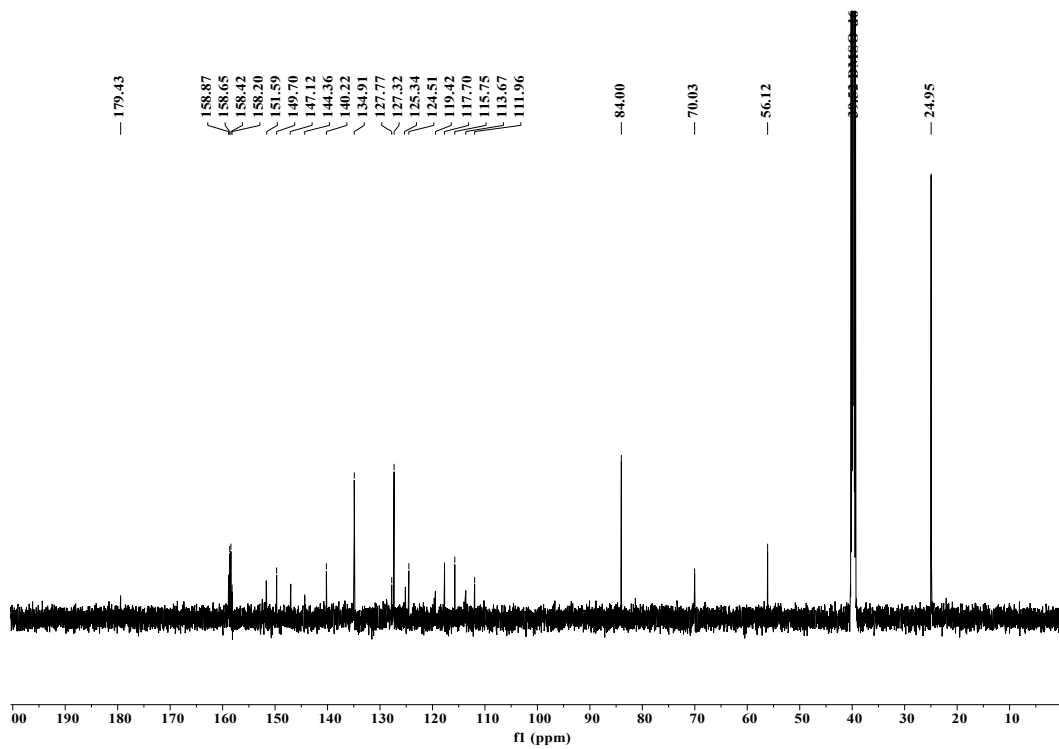


Fig. S4. ¹³C NMR spectra of DFCB

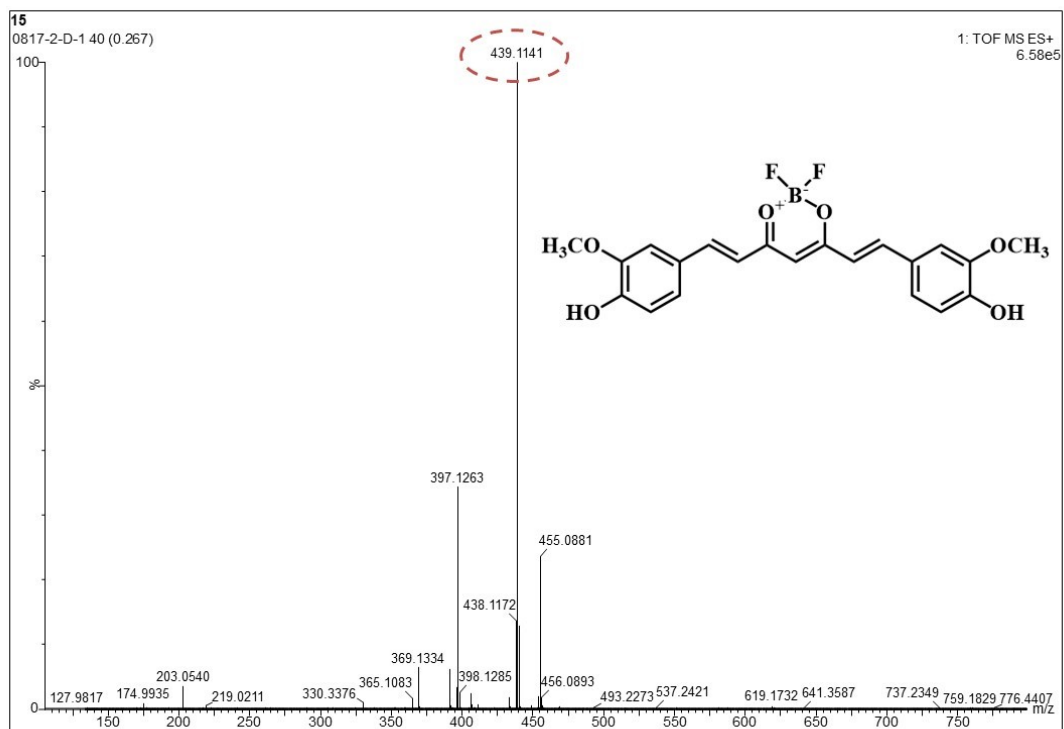


Fig. S5. HRMS of DFC

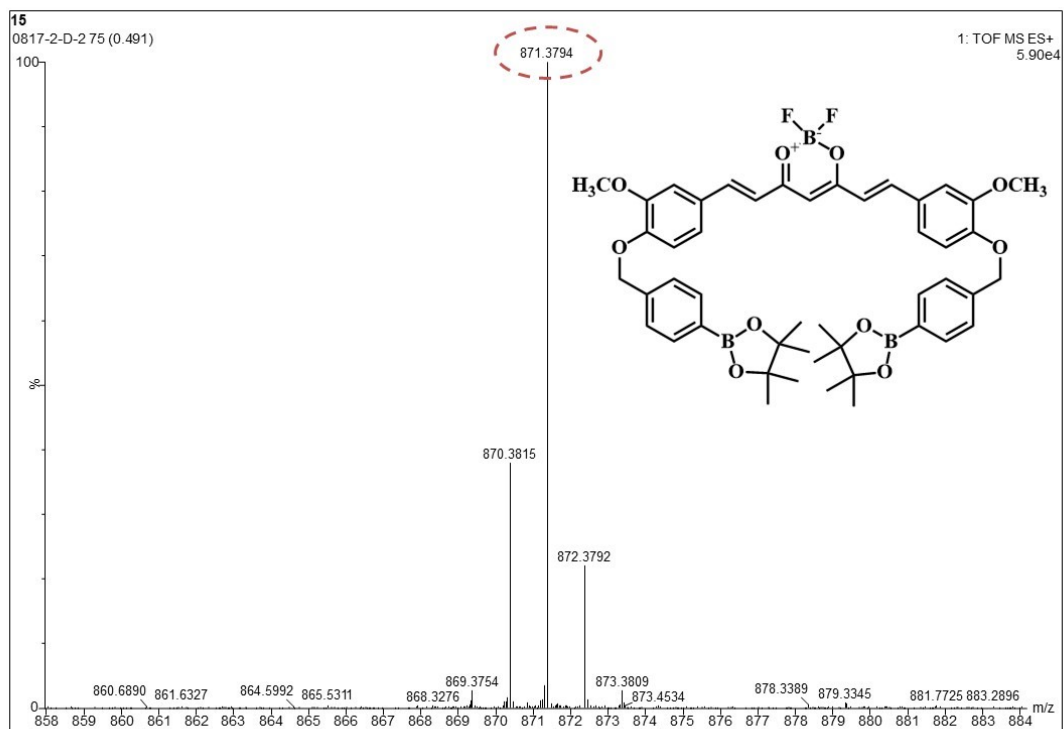


Fig. S6. HRMS of DFCB

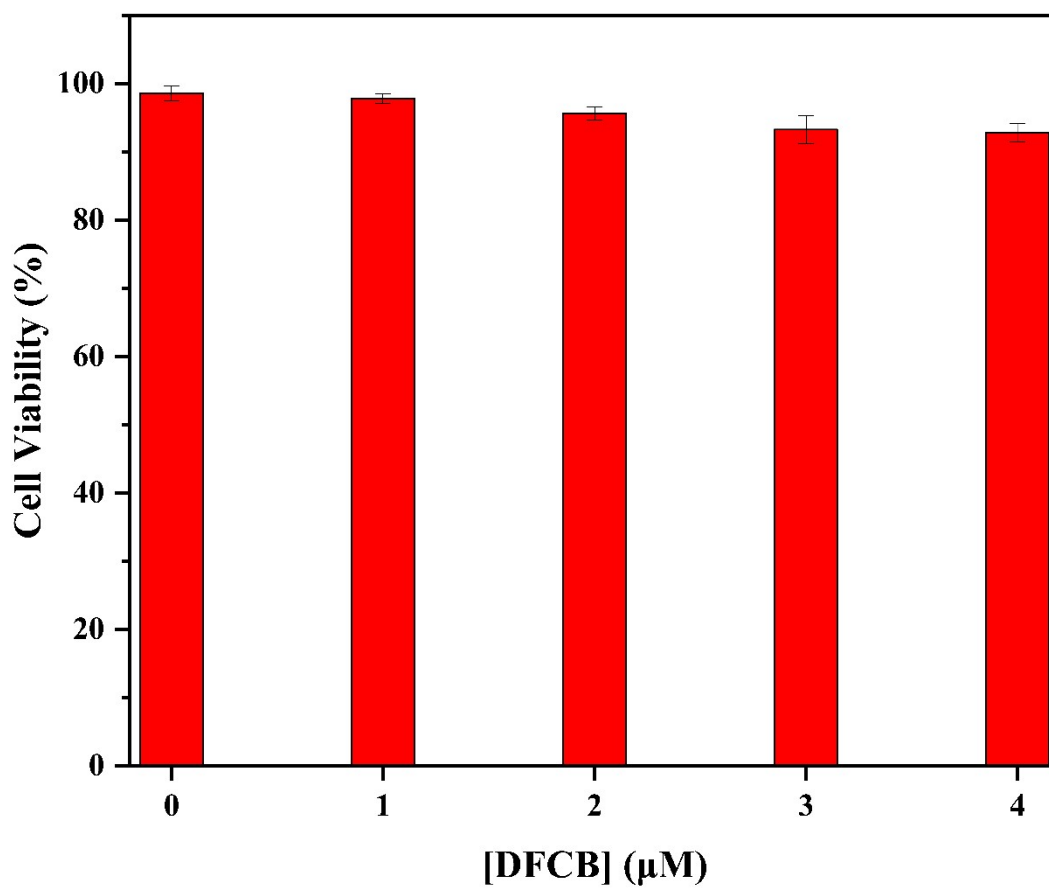


Fig. S7. Survival rate of HeLa cells treated with different concentrations of DFCB

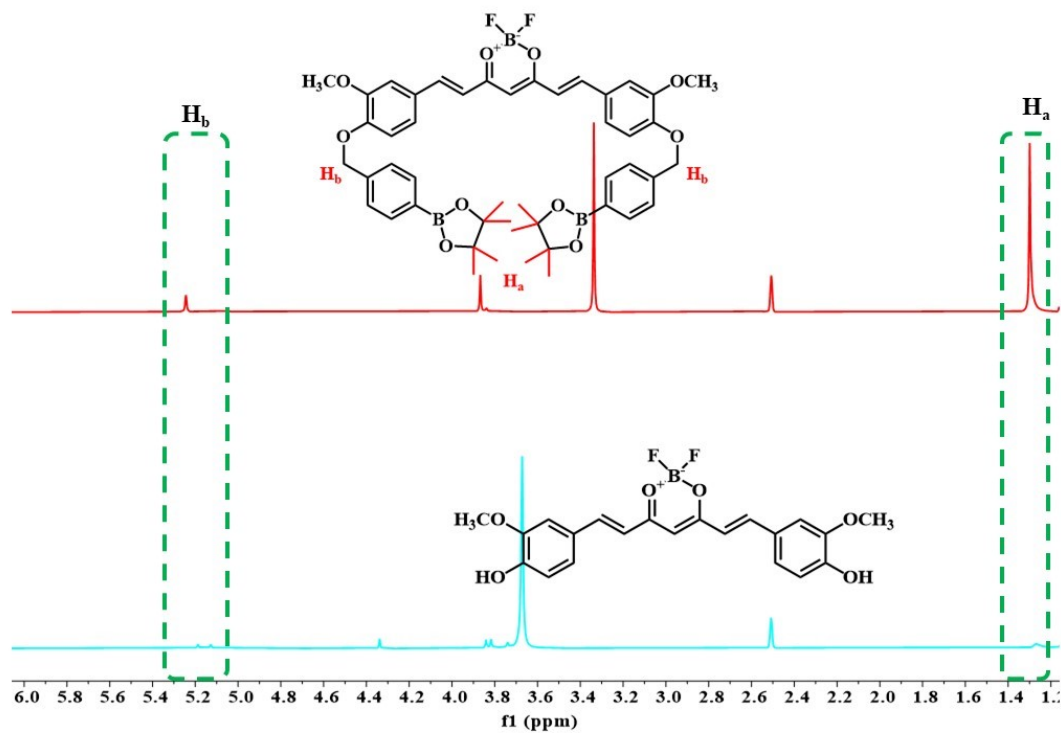


Fig. S8. ^1H NMR analysis of DFCB reaction mechanism