

Electronic supplementary information (ESI)
A novel (3, 6-di-*tert*-butylcarbazol-9-yl)Triphenylamine-BODIPY-Tricyanofuran
conjugated dye: synthesis and rapid naked-eye detection of hypochlorite
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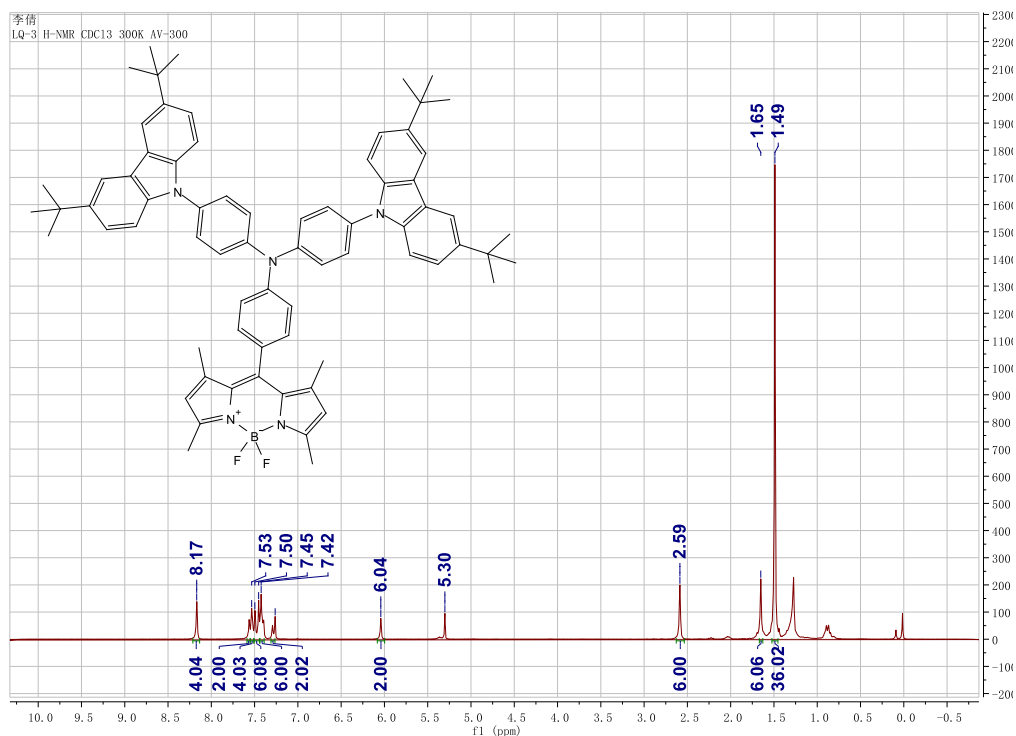


Fig.S1 ¹H NMR spectra of BCPA-BODIPY in CDCl₃

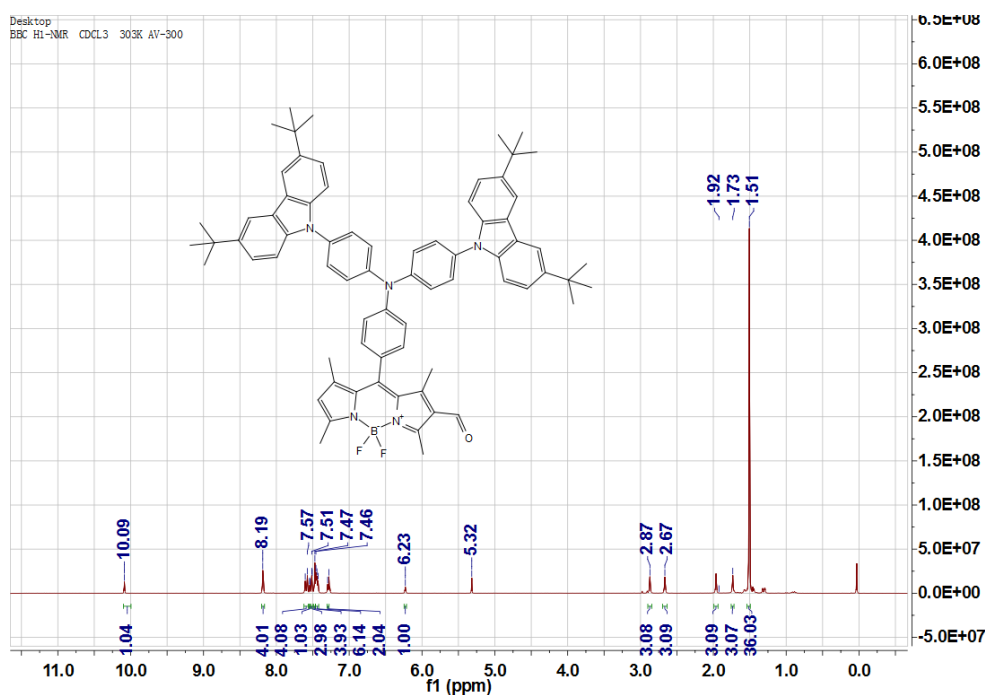


Fig.S2 ¹H NMR spectra of BCPA-BODIPY-CHO in CDCl₃

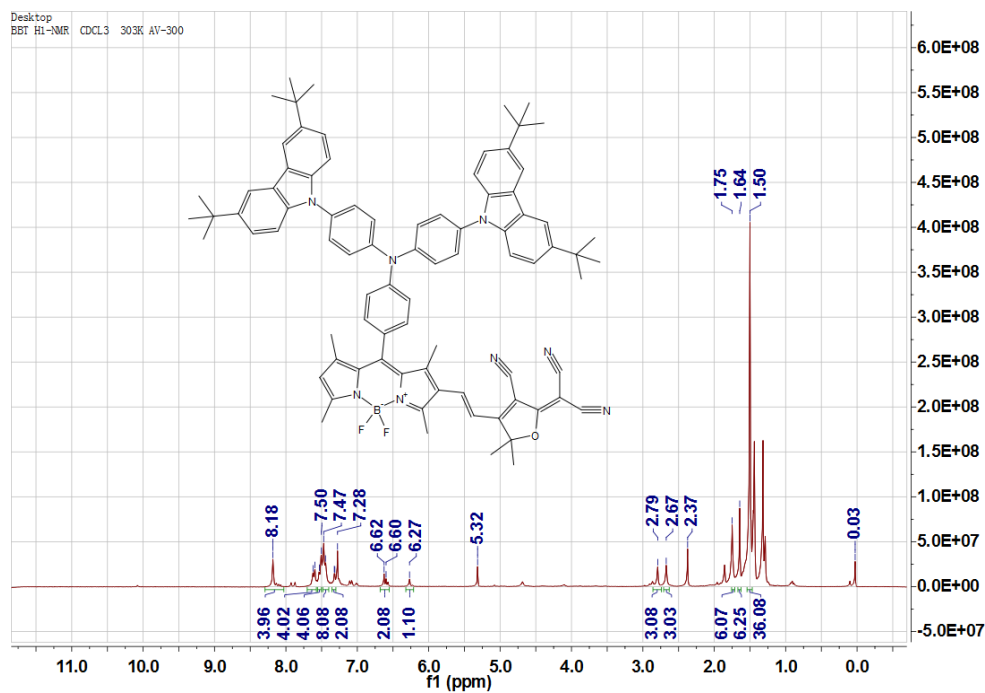


Fig.S3 ¹H NMR spectra of BCPA-BODIPY-TCF in CDCl₃

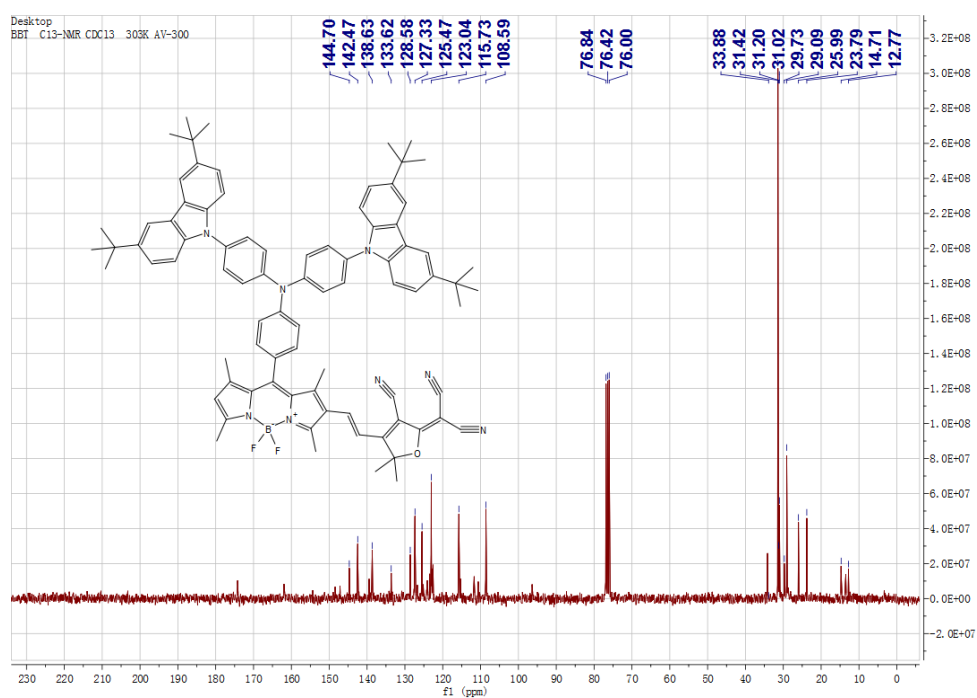


Fig.S4 ¹³C NMR spectra of BCPA-BODIPY-TCF in CDCl₃

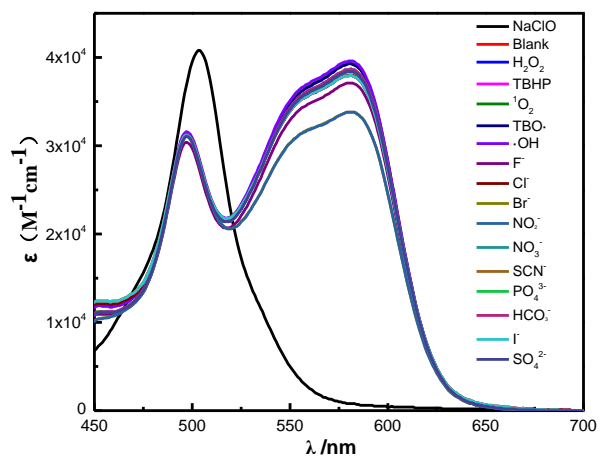


Fig.S5 Absorption responses of BCPA-BODIPY-TCF (10^{-5} M) to NaClO (10 equiv.) and other ROS and different anions (100 equiv.) Conditions: in PBS buffer in phosphate buffer, pH 7.4/THF (1:4, v/v).