Supporting information

A benzaldehyde-indole fused chromophore-based fluorescent probe for double-response to cyanide and hypochlorite in living cells

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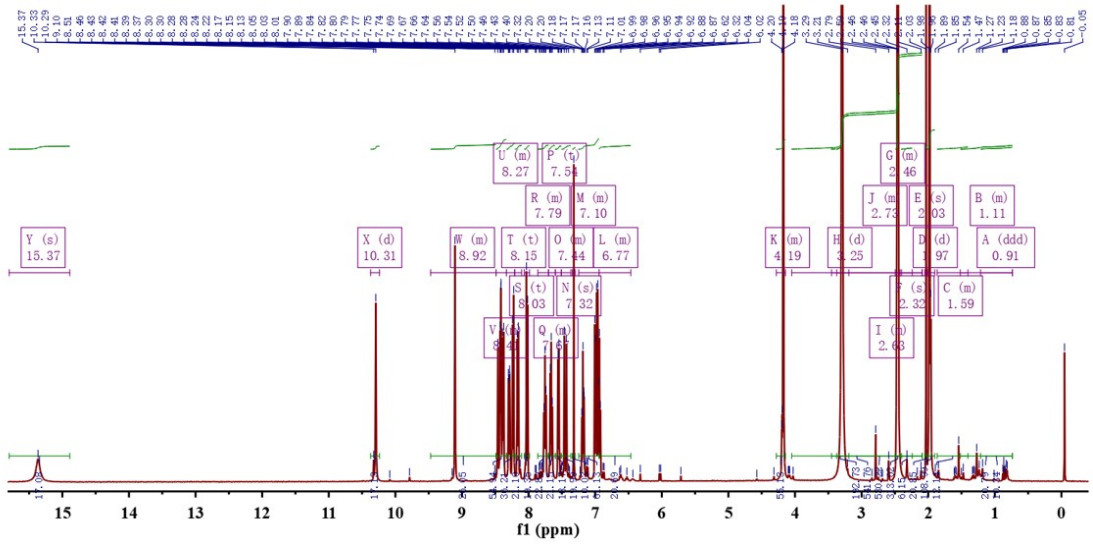

Fig. S1 1H NMR of **HHTB** in DMSO-*d6*.

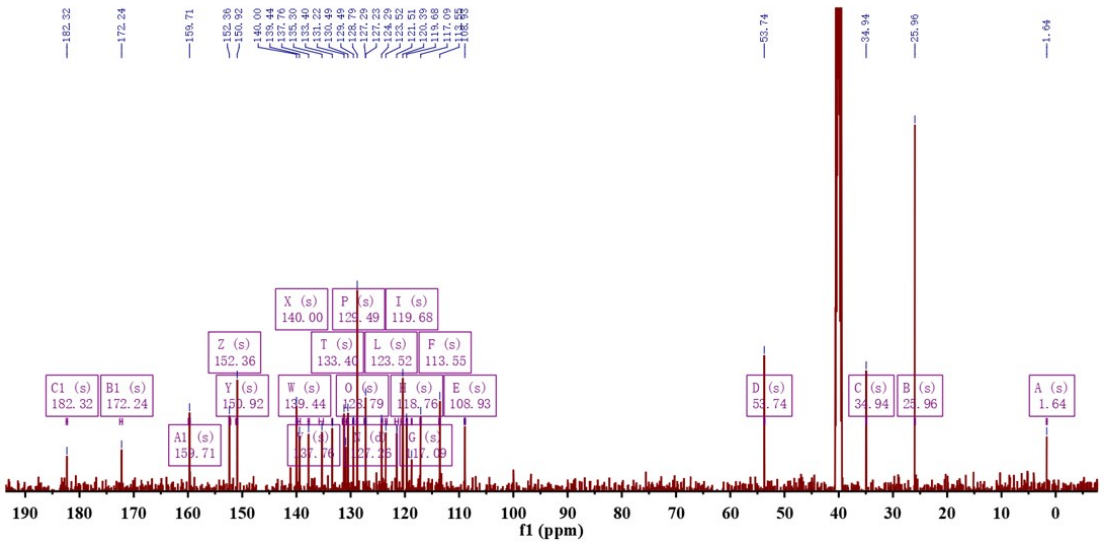

Fig. S2 13C NMR of **HHTB** in DMSO-*d6*.

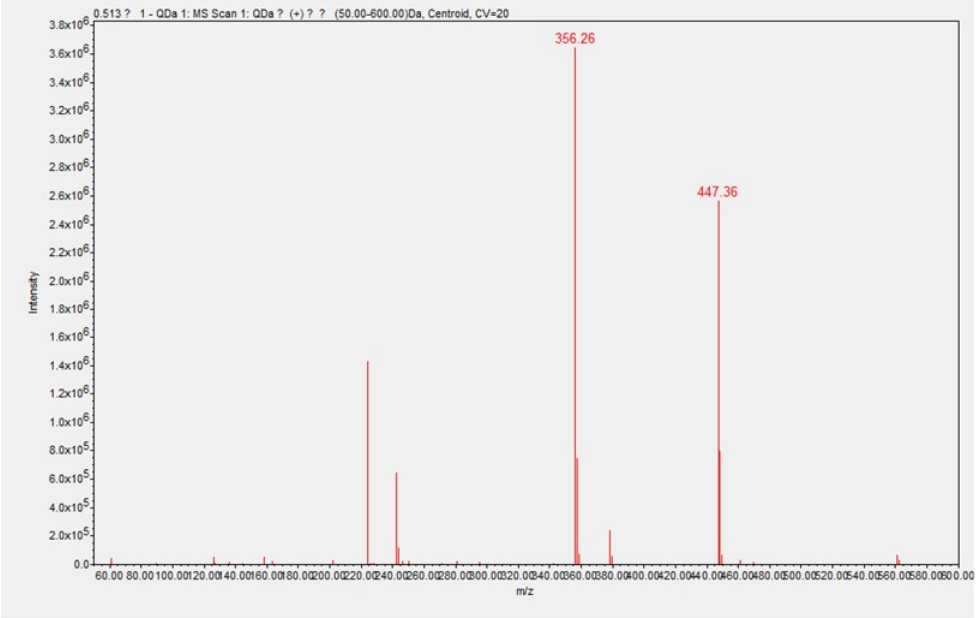

Fig. S3 The mass spectrometry of **HHTB**.

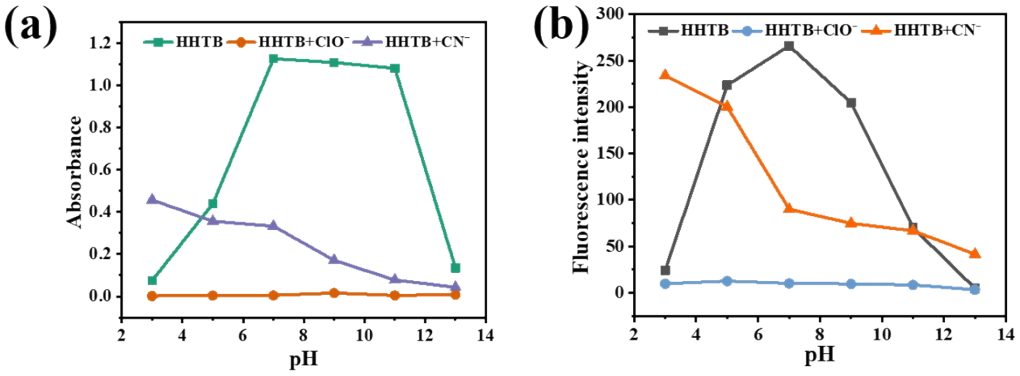

Fig. S4 (a) Absorbance of **HHTB** (10 μM), HHTB-ClO^- (20 μM) and HHTB-CN^- at different pH. (b) Fluorescence intensity of **HHTB** (10 μM), DBTM-ClO^- (20 μM) and at HHTB-CN^- different pH.

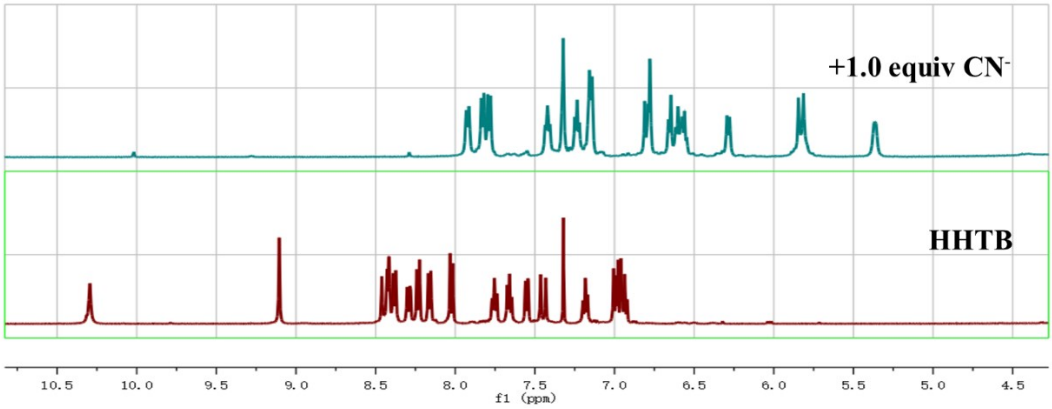

Fig. S5 1H NMR Titration of HHTB with CN^-

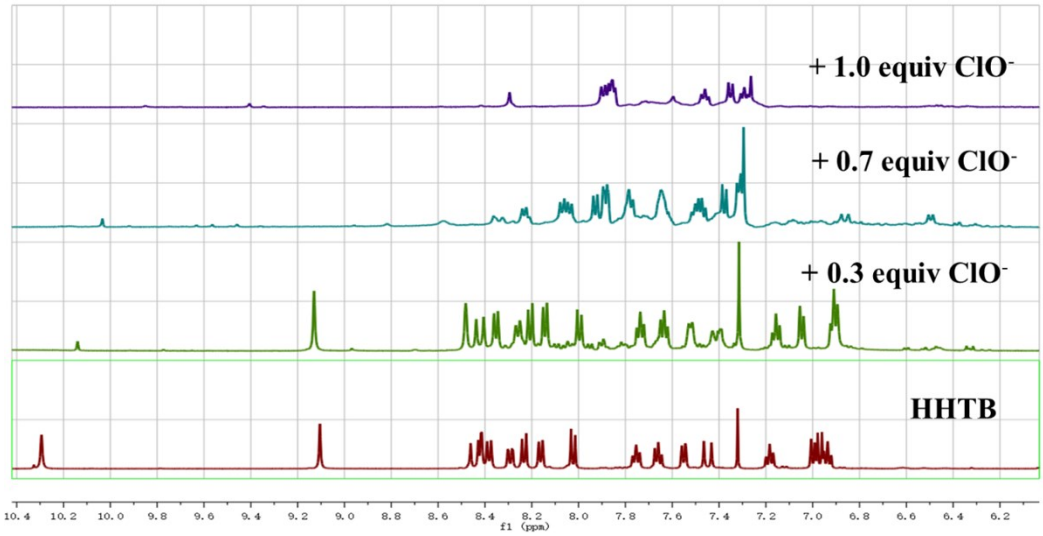

Fig. S6 1H NMR Titration of **HHTB** with ClO^-