Electronic Supplementary Material (ESI) for New Journal of Chemistry

2-Thiohydantoin Containing OH and NH Recognition Subunits: A Fluoride Ion Selective Colorimetric Sensor

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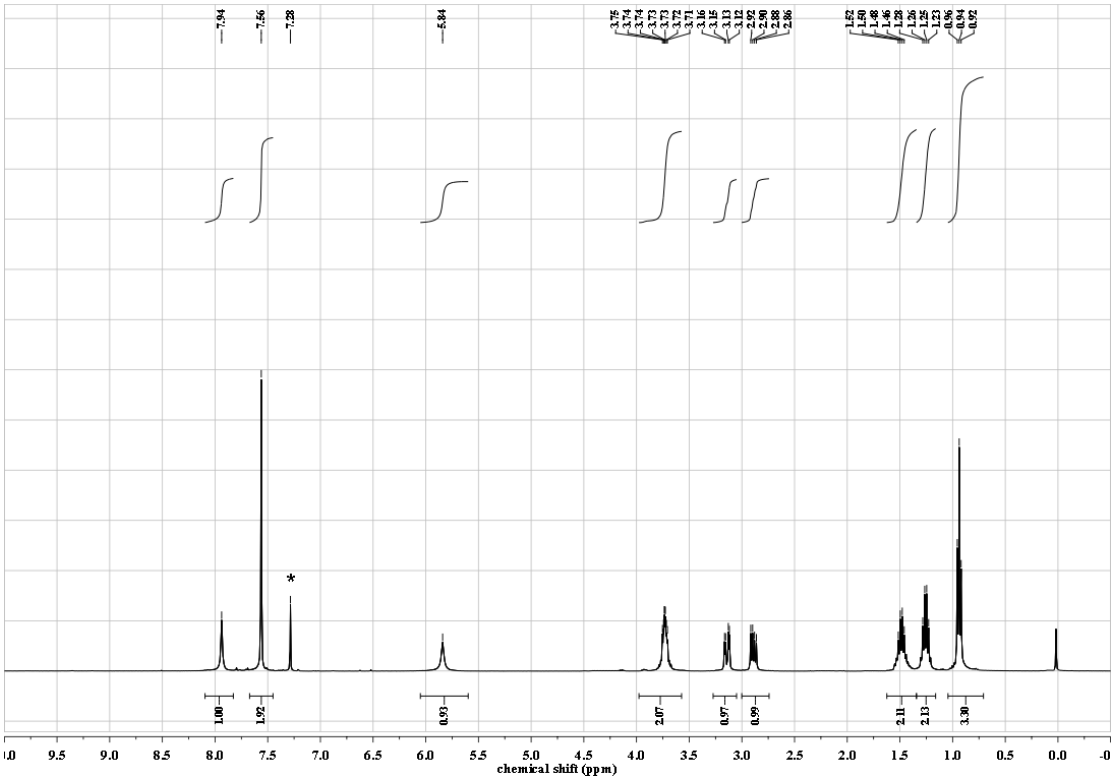

Fig S1 ^{1}H NMR spectrum of receptor **1** in $CDCl_3$. The solvent peaks are marked with asterisks.

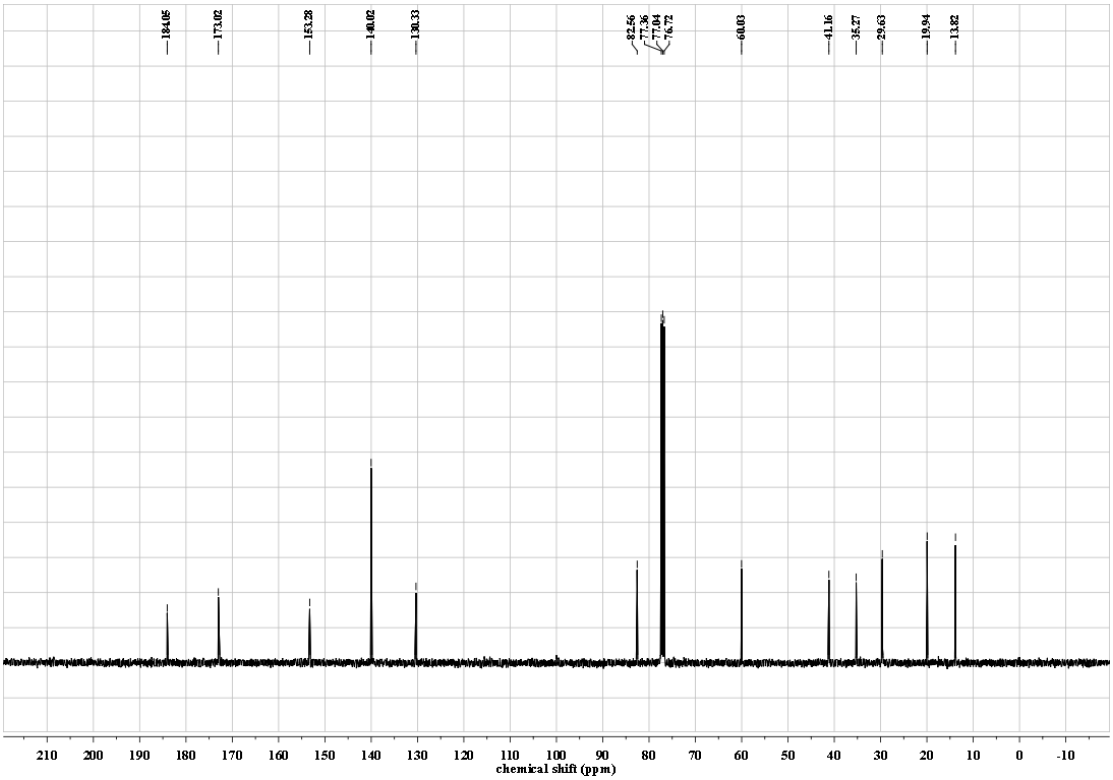

Fig S2 ^{13}C NMR spectrum of receptor **1** in $CDCl_3$. The solvent peaks are marked with asterisks.

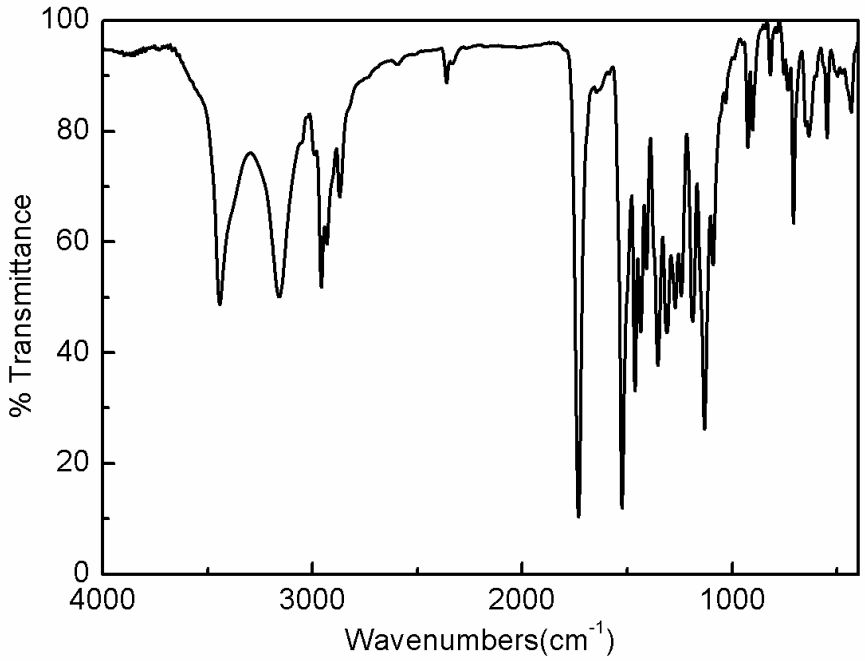

Fig S3 IR spectrum of receptor **1**

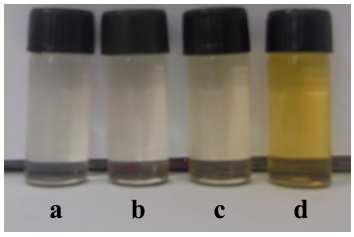

Fig S4 Visible color changes of receptor **1** in CH_3CN in presence of (a) 0 uM, (b) 0.1uM, (c) 1uM, (d) 10uM TBAF ([**1**] = 1.0 mM).

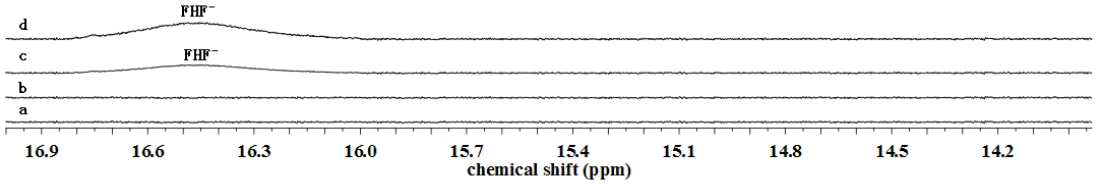

Fig S5 Partly ^{1}H NMR spectra of receptor **1** in the presence of (a) 0, (b) 1.0, (c) 2.0, and (d) 4.0 equiv of TBAF in $CDCl_3$.