OPEN ACCESS

sensors

ISSN 1424-8220

www.mdpi.com/journal/sensors

Supplementary Information

Imaging of Fluoride Ion in Living Cells and Tissues with a Two-Photon Ratiometric Fluorescence Probe. *Sensors* 2015, *15*, 1611-1622

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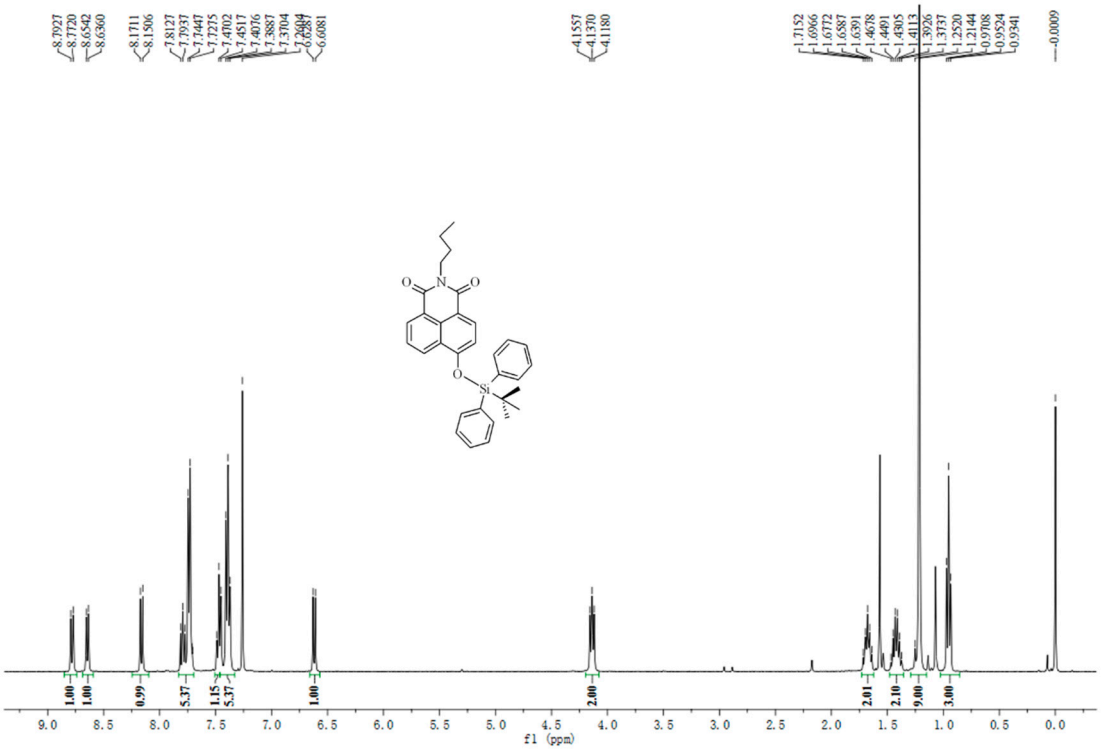

Figure S1. ^{1}H-NMR spectrum of probe Z2 in $CDCl_3$.

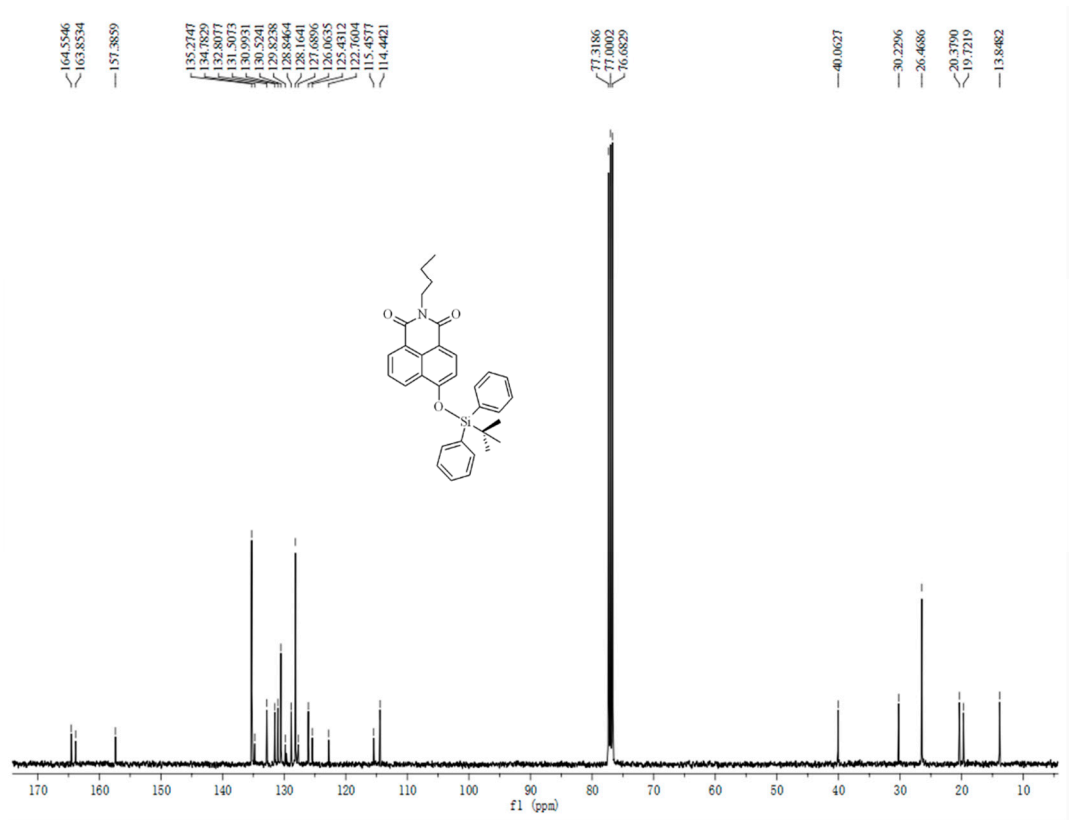

Figure S2. ^{13}C-NMR spectrum of probe Z2 in $CDCl_3$.

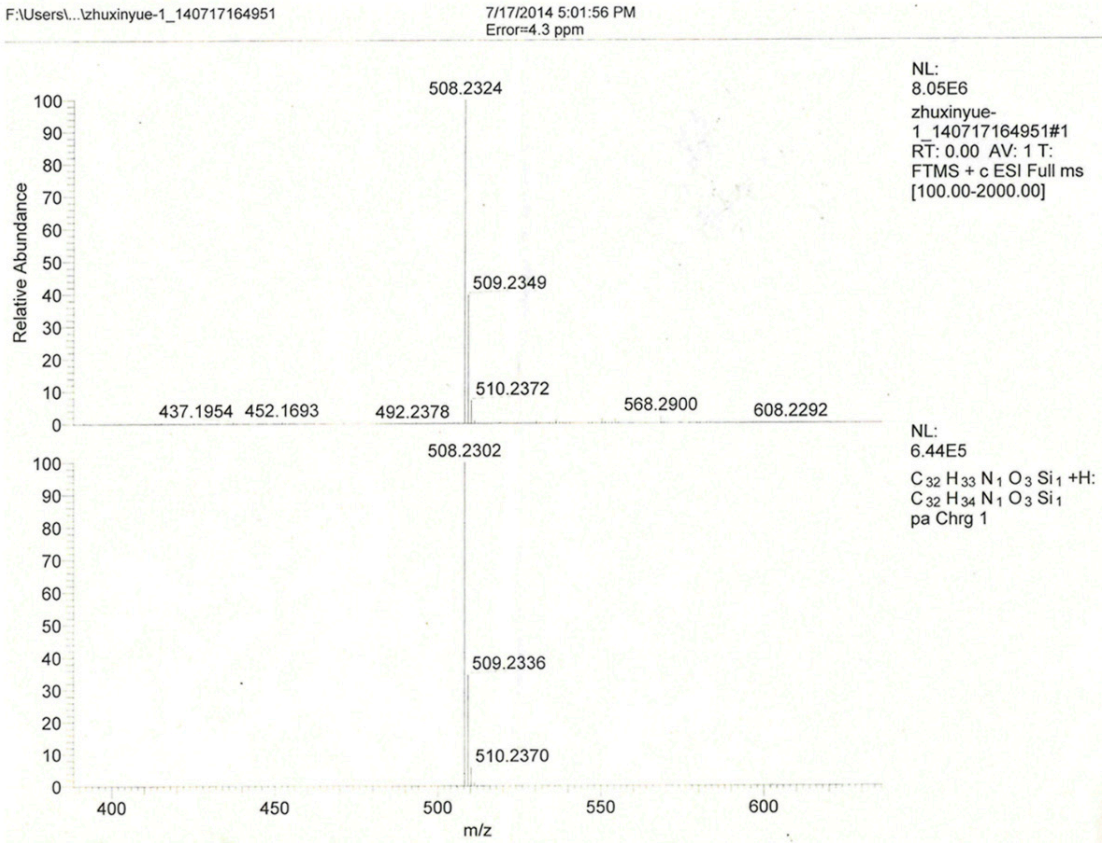

Figure S3. HRMS spectrum of probe Z2.

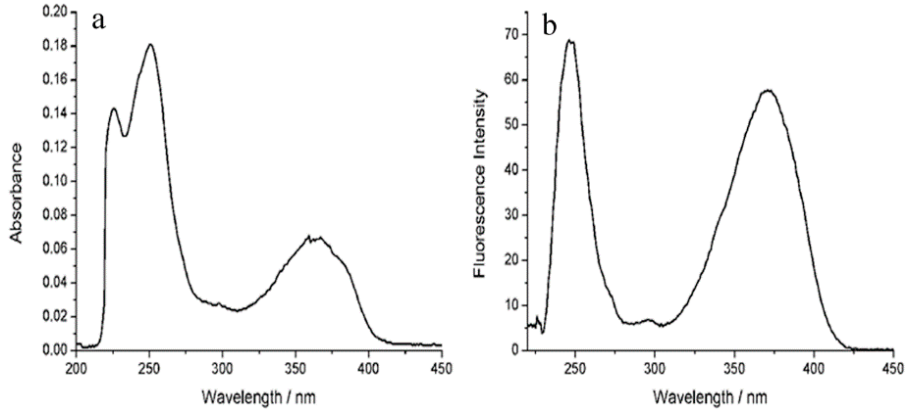

Figure S4. UV-Vis absorption spectrum (**a**) and fluorescence excitation spectrum (**b**) of probe Z2. (probe: 5 μM, HEPES, 20 mM pH 7.4, 30% ethanol).

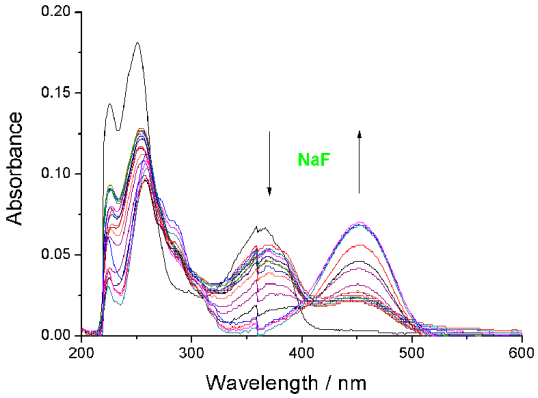

Figure S5. UV-Vis absorption spectra change of probe Z2 toward different concentrations F^- (0, 5, 10, 20, 40, 60, 80 100, 125, 150, 200, 250, 375, 500, 750, 1000, 1500 μM). (probe: 5 μM, HEPES, 20 mM pH 7.4, 30% ethanol).