Supporting information

Bright luminescent silica nanoparticles for two-photon microscopy imaging via controlled formation of 4,4'-diethylaminostyryl-2,2'-bipyridine Zn(II) surface complexes.

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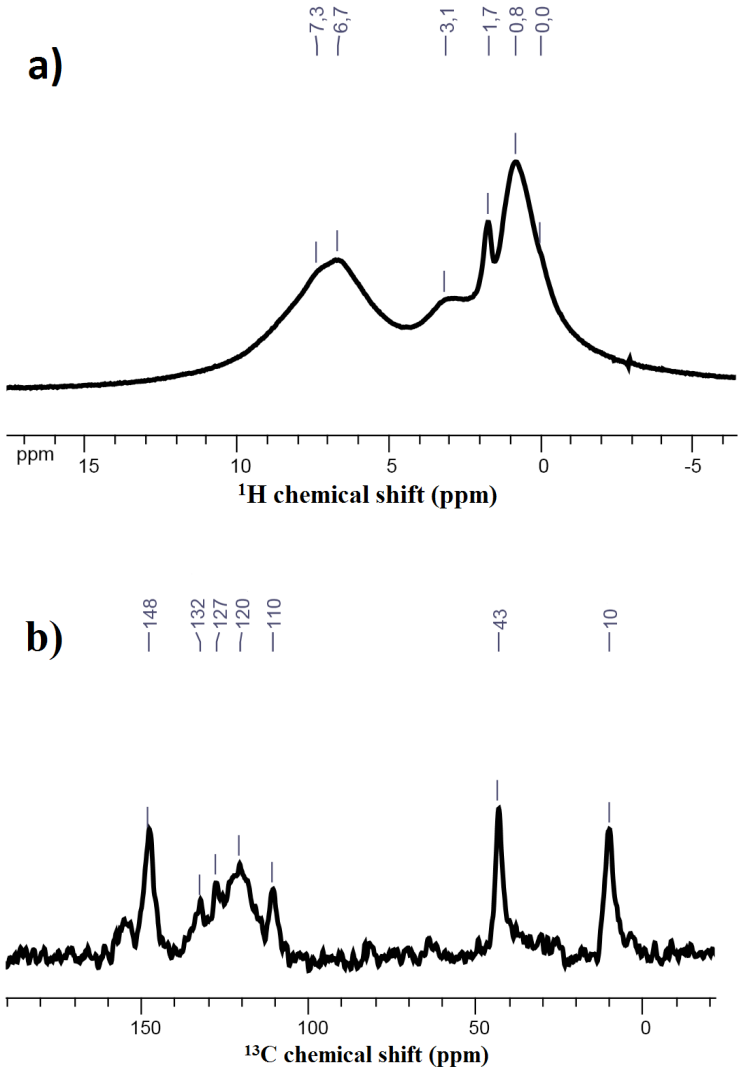

Figure S1. (a) One-dimensional proton single pulse solid-state spectrum recorded under MAS frequency of 10 kHz: 8 scans were recorded at a recycle rate of 4 s. (b) ^{13}C CP MAS solid state NMR spectra (right) of **[DEAS-bipy/SiO_2]** recorded under MAS frequency of 10 kHz. 14500 scans were recorded at a recycle rate of 2 s and a CP time of 2 ms.

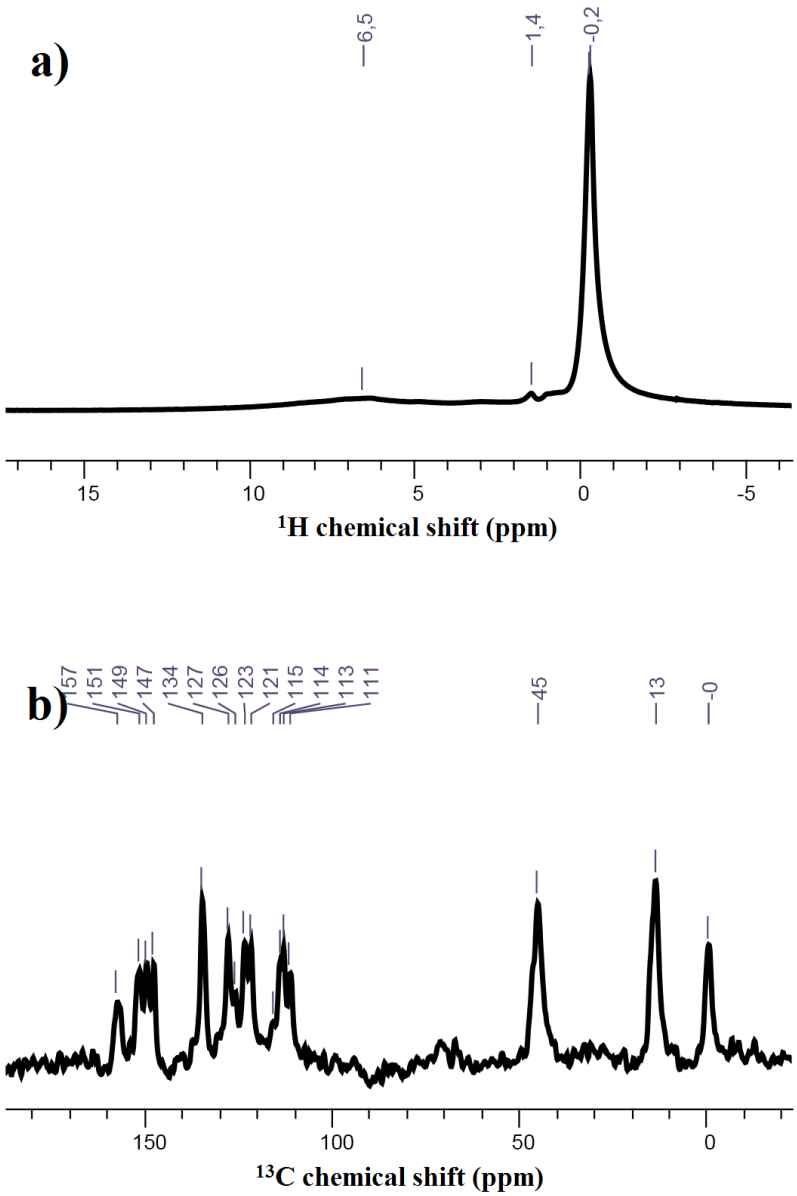

Figure S2. (a) One-dimensional proton single pulse solid-state spectrum of **[DEAS-bipy/Passivated_SiO$_2$]** recorded under MAS frequency of 10 kHz: 8 scans were recorded at a recycle rate of 4 s. (b) ^{13}C CP MAS solid-state NMR spectrum of **[DEAS-bipy/Passivated_SiO$_2$]** recorded under MAS frequency of 10 kHz, 6500 scans were recorded at a recycle rate of 2 s and a CP time of 2 ms.