Supporting Information

Novel mono-cationic fluorescent probes based on different central π-conjugated bridges for two-photon bioimaging of cellular nucleus

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$^{1}H$ NMR, $^{13}C$ NMR and MALDI-TOF-MS spectra

$^{1}H$ NMR spectra of W-pyI (500 MHz, DMSO)

$^{1}H$ NMR spectra of S-pyI (400 MHz, DMSO)
$^1$H NMR spectra of F-pyI (500 MHz, DMSO)

$^{13}$C NMR spectra of W-pyI (125 MHz, DMSO)
$^{13}$C NMR spectra of S-pyI (125 MHz, DMSO)
$^{13}$C NMR spectra of F-pyI (125 MHz, DMSO)

MALDI-TOF-MS spectra of W-pyI
MALDI-TOF-MS spectra of S-pyI

MALDI-TOF-MS spectra of F-pyI