

Supplementary Information

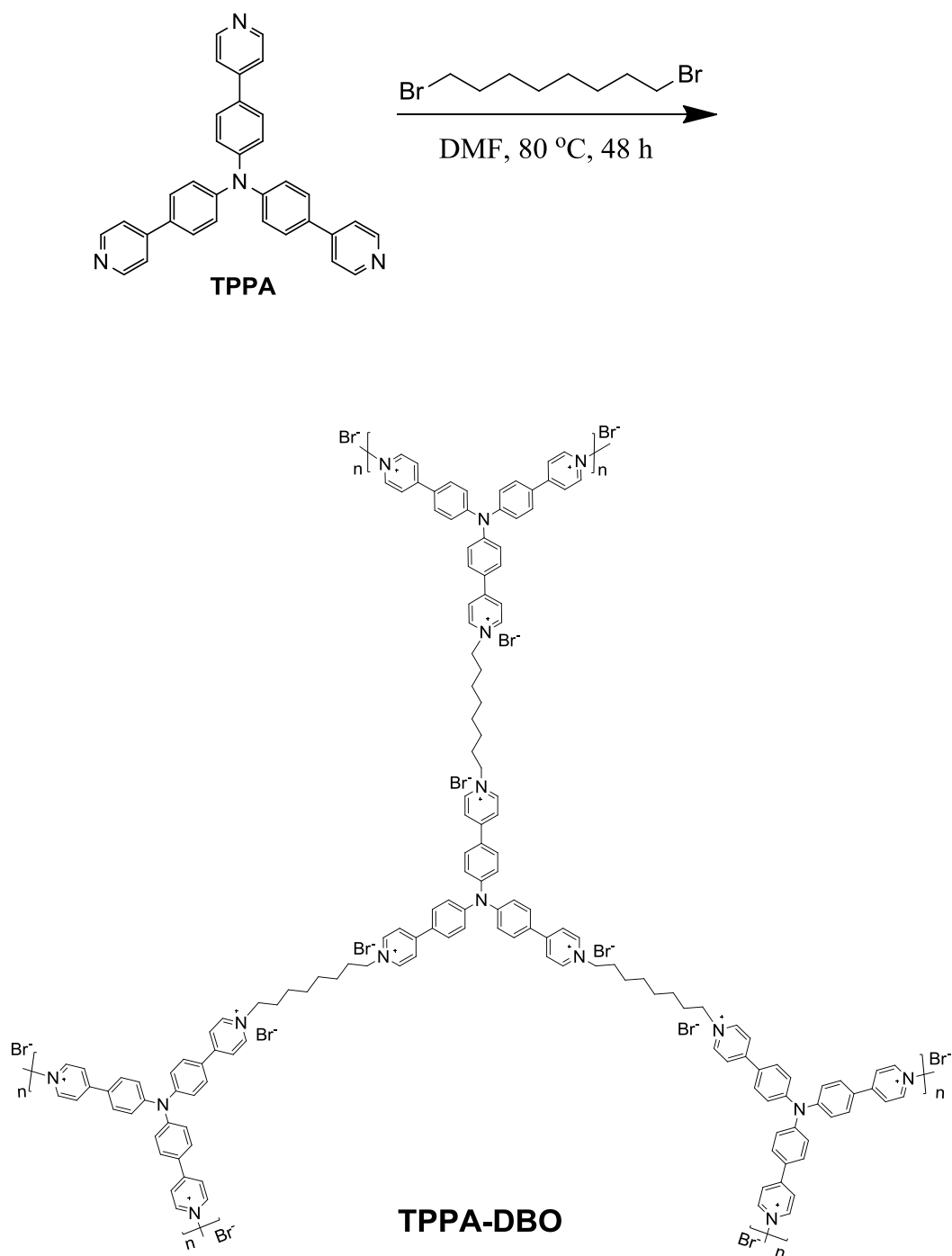
One Bioprobe: A Fluorescent and AIE-active Macromolecule; Two Targets: Nucleolus and Mitochondria with Long Term Tracking

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Synthesis and Characterization of the TPPA-DBO



Scheme S1. The synthesis of TPPA-DBO probe.

TPPA were obtained by the documented method. (Macromolecules, 2015, 48 (13), pp 4541–4554)

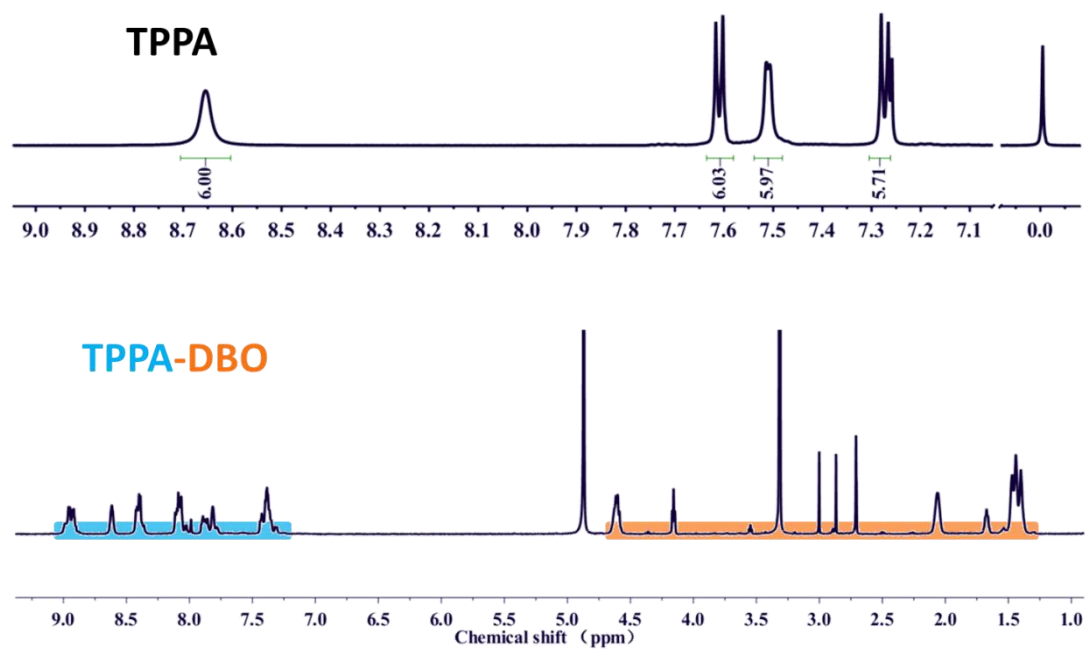


Figure S1 ^1H NMR spectra of TPPA and TPPA-DBO in CDCl_3 and D_2O .

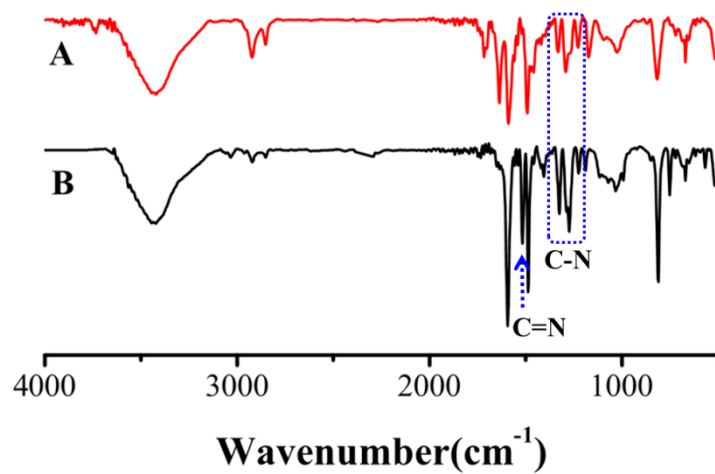


Figure S2 FT-IR spectra of (A) TPPA and (B) TPPA-DBO.

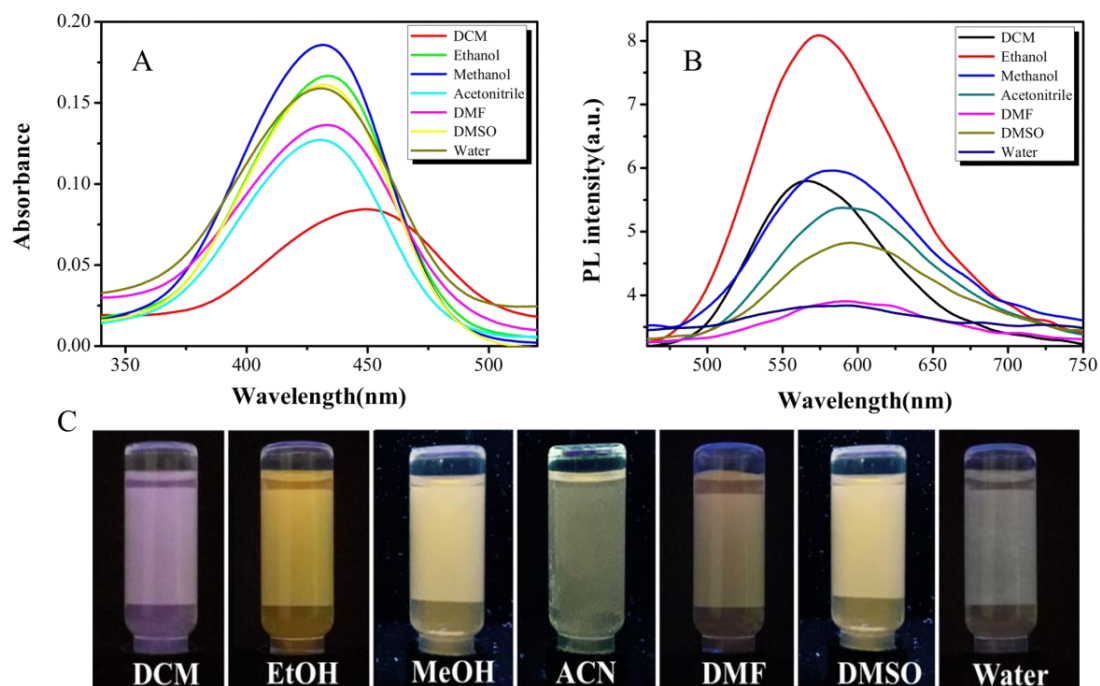


Figure S3 (A) Absorbance spectra of TPPA-DBO in different solvents. (B) Emission spectra of TPPA-DBO in different solvents. (C) Photographs of TPPA-DBO in different solvents. (solution concentration: 5×10^{-3} g/L, excitation wavelength = 425 nm).

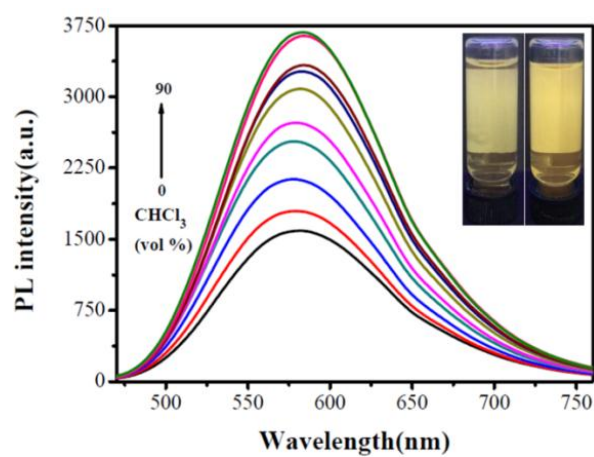


Figure S4 The normalized emission spectra of TPPA-DBO in EtOH and in the mixture of EtOH& CHCl_3 . (solution concentration: 5×10^{-3} g/L, excitation wavelength = 425 nm)

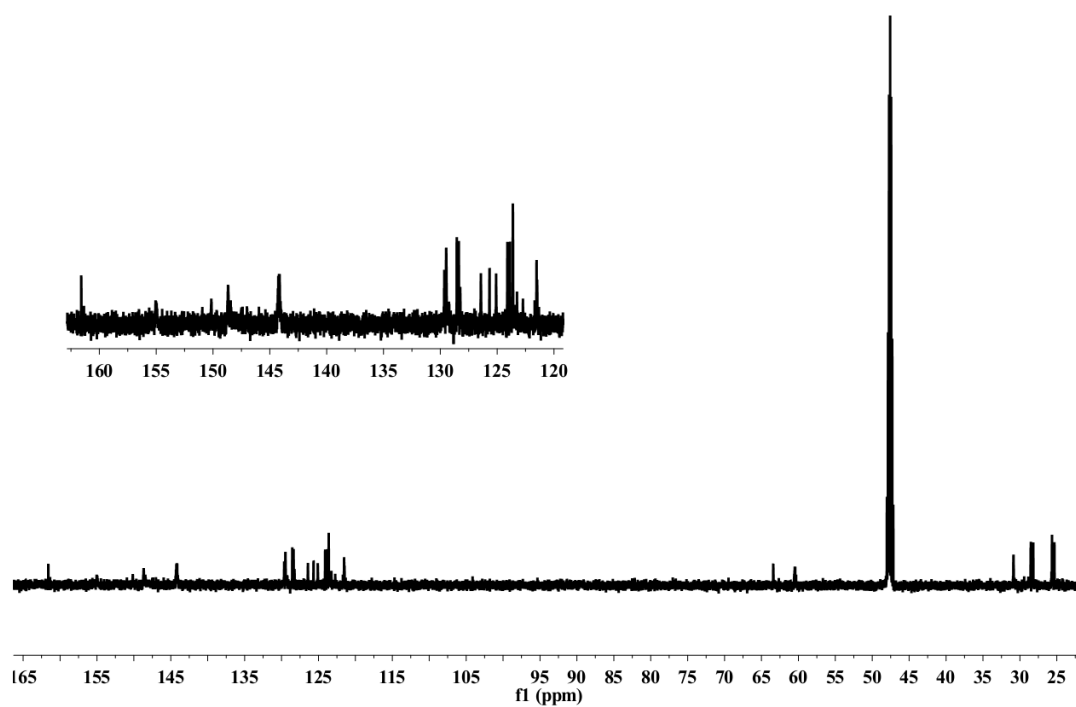
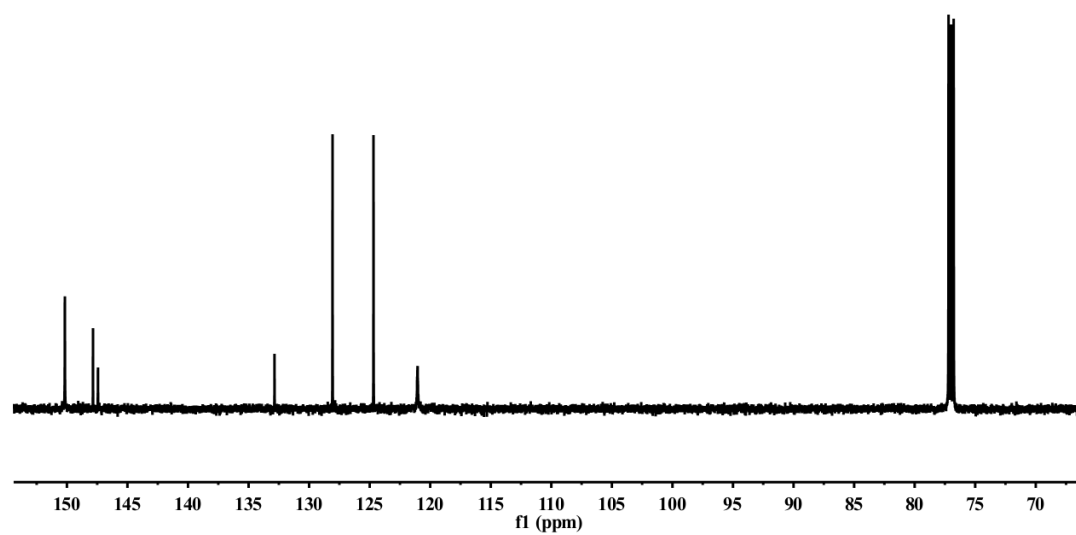


Figure. S5 ^{13}C NMR spectra of TPPA (Top) and TPPA-DBO (Bottom) in CDCl_3 and D_2O .