

Supporting information for:

Benzo[*a*]imidazo[5,1,2-*cd*]indolizines – new class of molecules displaying excited
state intramolecular proton transfer

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1. Absorption and emission data of compounds 4 a-d:

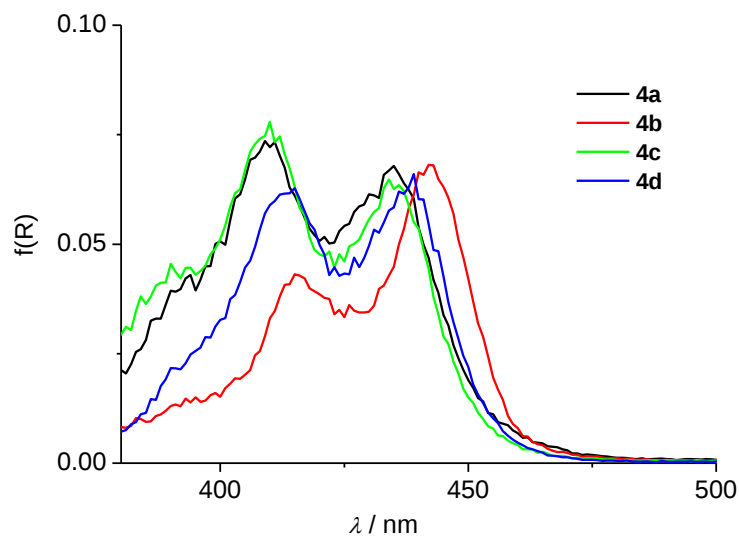


Fig. 1S. Absorption spectra of compounds **4a-d** in the solid state.

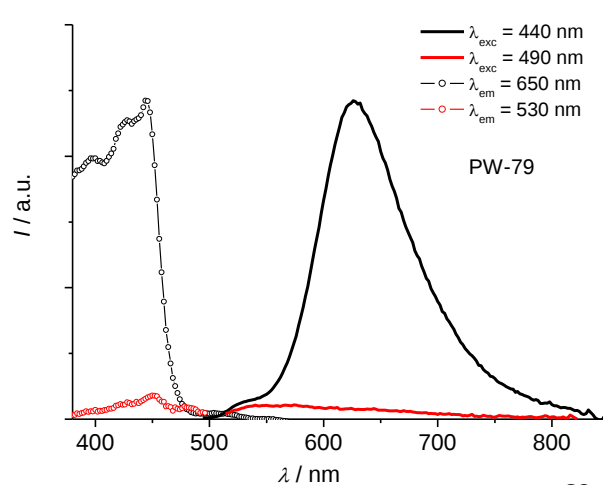
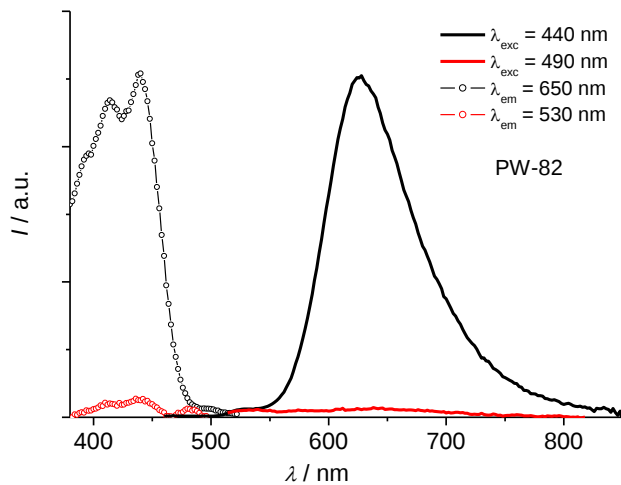
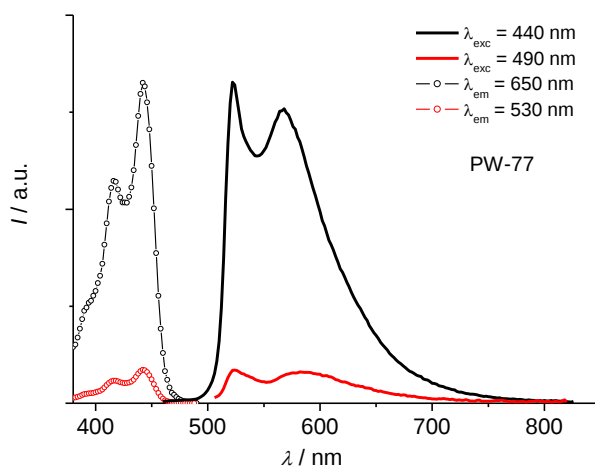
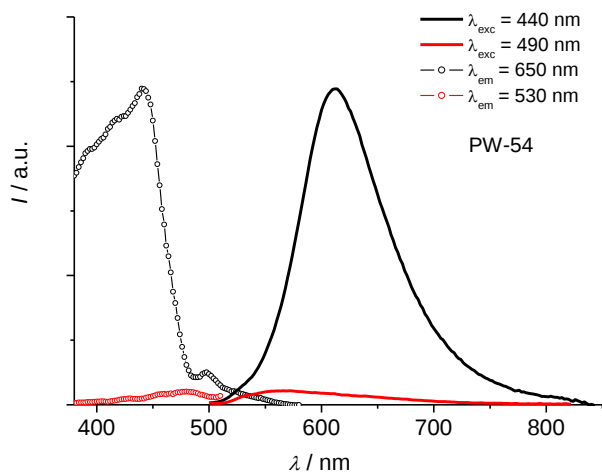


Fig. 2S. Arbitrarily scaled corrected emission (solid lines) and excitation (circles) spectra of solid samples of **4a** (upper left), **4b** (upper right), **4c** (lower left) and **4d** (lower right) at the indicated wavelengths.

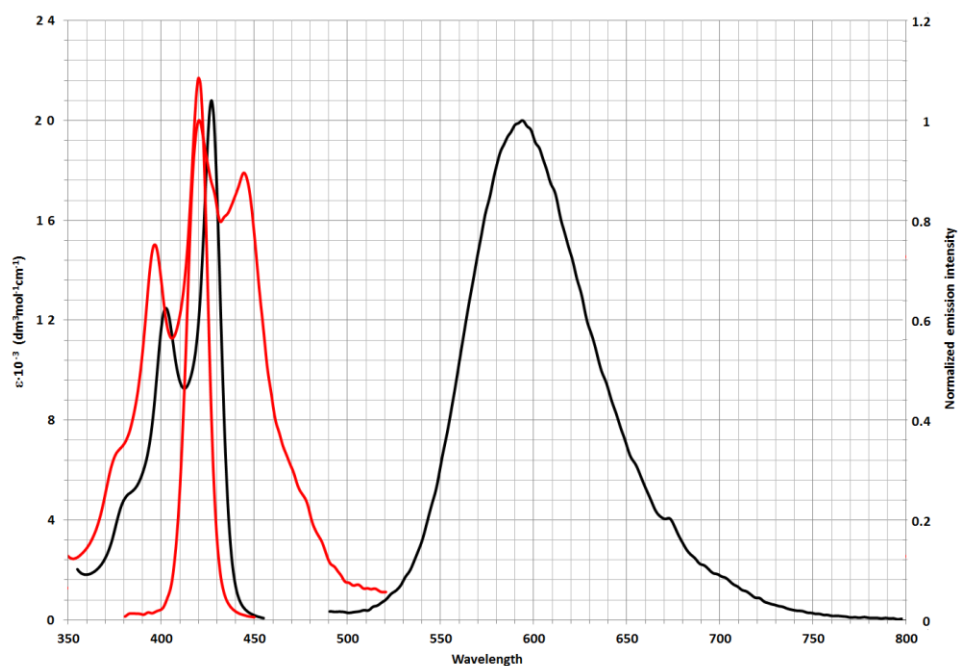


Fig.3S. Absorption and emission of compounds **4a** in CH₃OH (red line) and toluene (black line).

Excitation at 400 nm.

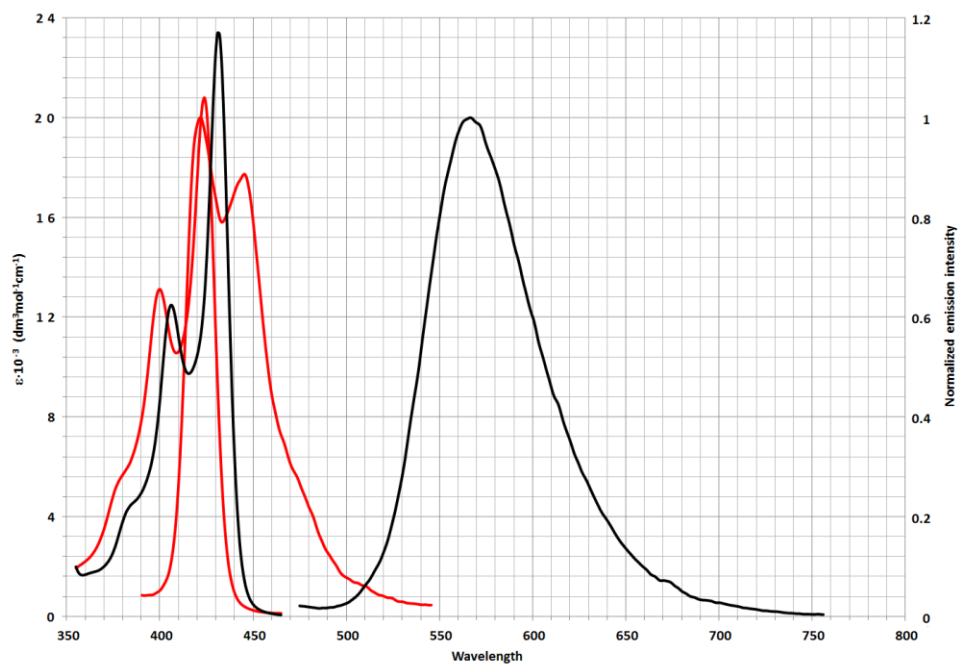


Fig.4S. Absorption and emission of compounds **4b** in CH_3OH (red line) and toluene (black line).

Excitation at 400 nm.

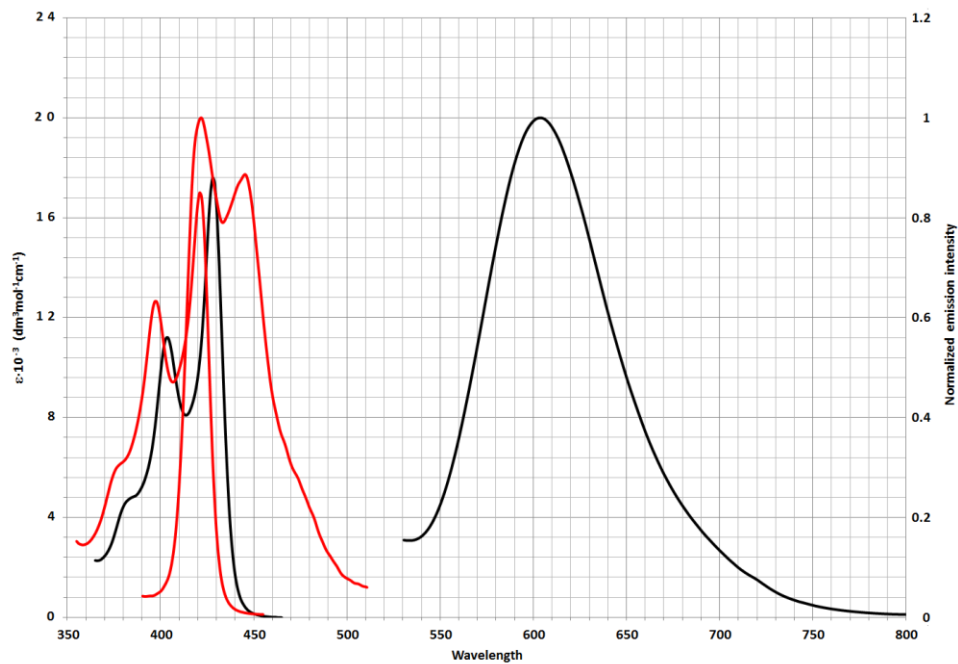


Fig.5S. Absorption and emission of compounds **4c** in CH₃OH (red line) and toluene (black line).

Excitation at 400 nm.

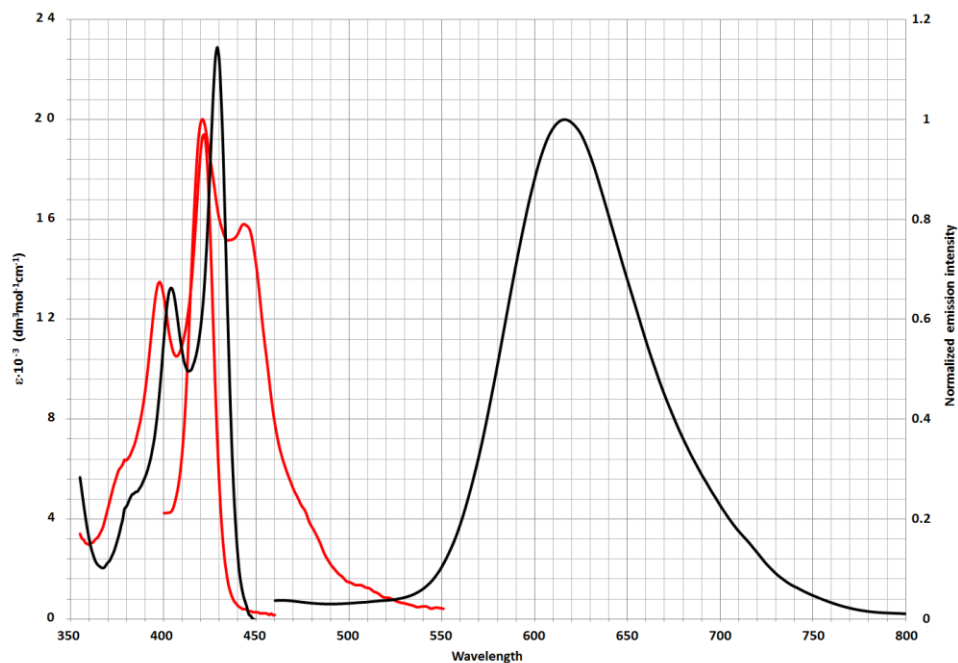


Fig.6S. Absorption and emission of compounds **4d** in CH₃OH (red line) and toluene (black line).

Excitation at 400 nm.

