Electronic supporting information for:

Confinement of a styryl dye into nanoporous aluminophos-phates: channels vs cavities

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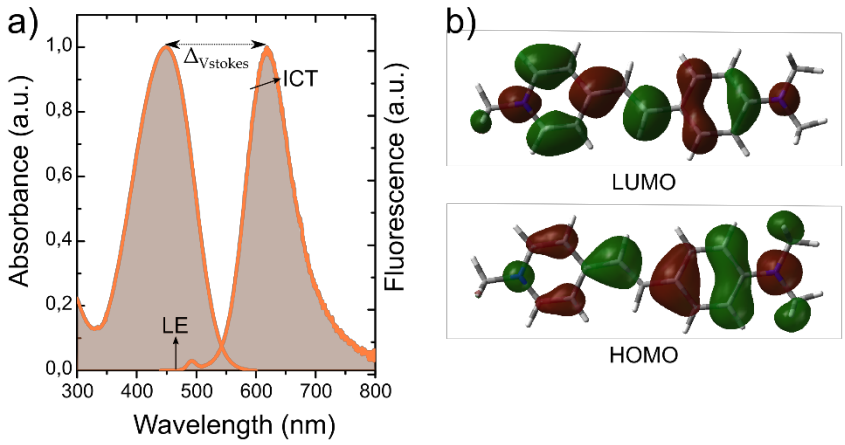

Figure S1. a) Height-normalized absorption and emission spectra (λ_{exc} = 420 nm) recorded for the 4-DASPI dye in aqueous solution; b) HOMO-LUMO orbitals of 4-DASPI dye.

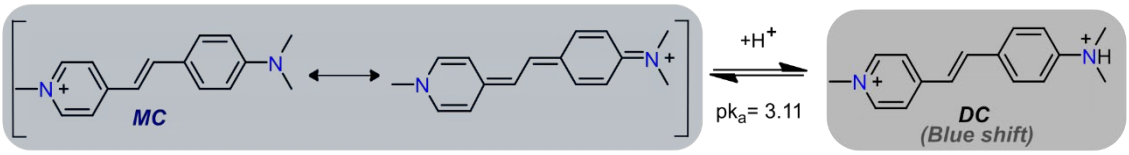

Figure S2. Equilibrium between monocation (MC) and dication (DC) species of 4-DASPI dye in aqueous solution.

Figure S3. Photographs of samples 4-DASPI@MgAPO-AEL (1) and (6) in powder under ambient and UV light.

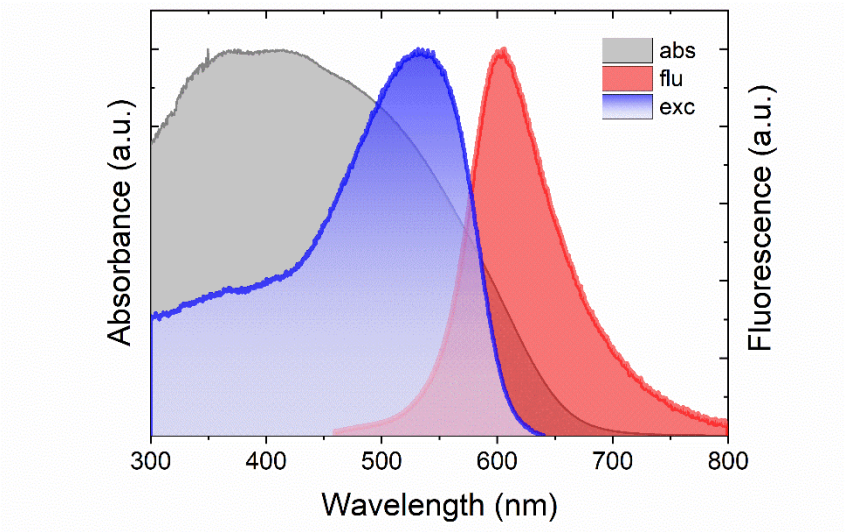

Figure S4. Absorption, excitation and emission (λ_{exc} = 450 nm) spectra of sample 4-DASPI@MgAPO-AEL-1

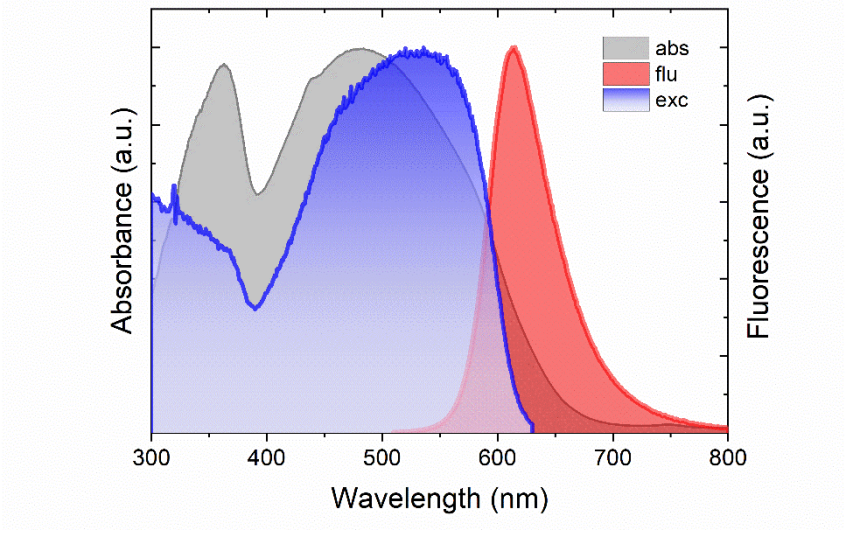

Figure S5. Absorption, excitation and emission (λ_{exc} = 500 nm) spectra of sample 4-DASPI@MgAPO-AEL-6 .