

Supplementary Material

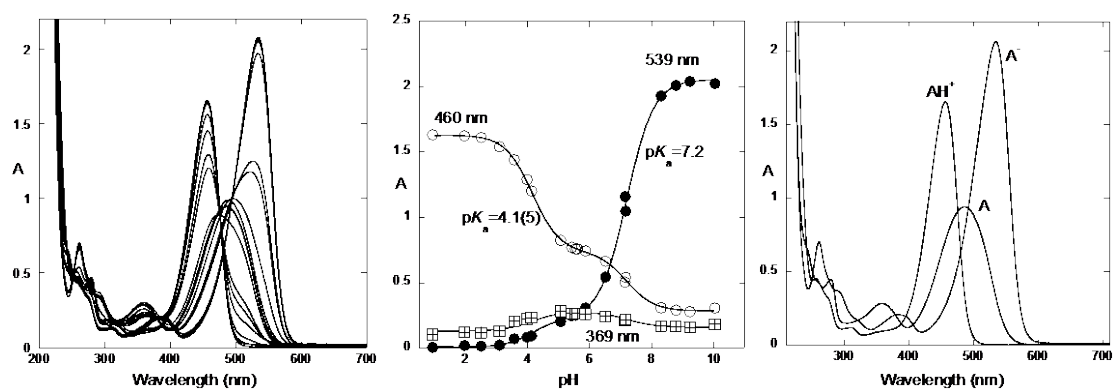


Figure S1. A- pH dependent absorption spectra of 4',7-dihydroxyflavylium; B- Titration curves; fitting was achieved for $pK_{a1}=4.15$ and $pK_{a2}=7.2$; C- Absorption spectra of the three species obtained by mathematical decomposition