colorants

MDPI

Supplementary

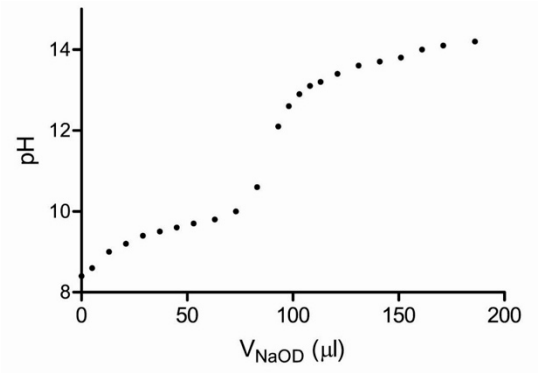

Figure S1. Titration curve of alizarin in DMSO-d_6 containing residual water (c = 10,6 mg.ml^{-1}; 0,044 mmol.ml^{-1}) using NaOD solution in D_2O (c = 0,33 mmol.ml^{-1}) at 298K.

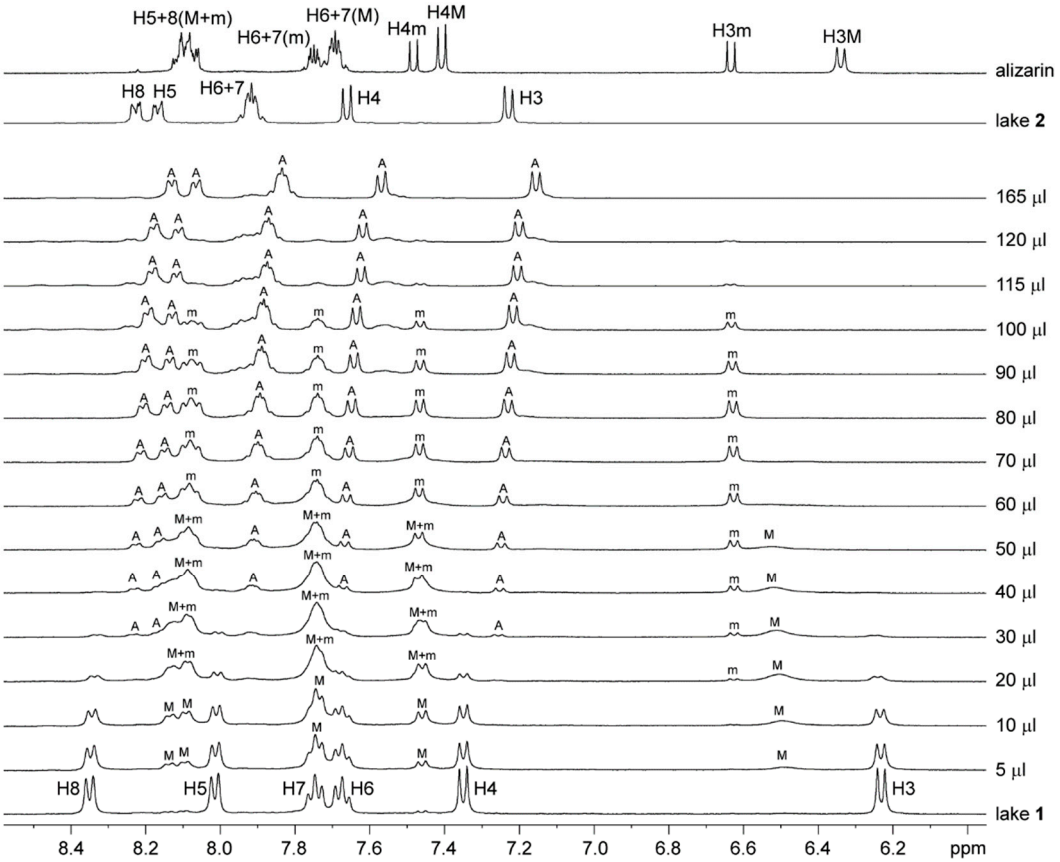

Figure S2. ^{1}H NMR spectra (DMSO-d_6) of lake 1 with increasing volumes of DCl (c = 0.24 mmol/ml). "M" and "m" refer to species 2M and 2m, respectively, and "A" stands for alizarin.

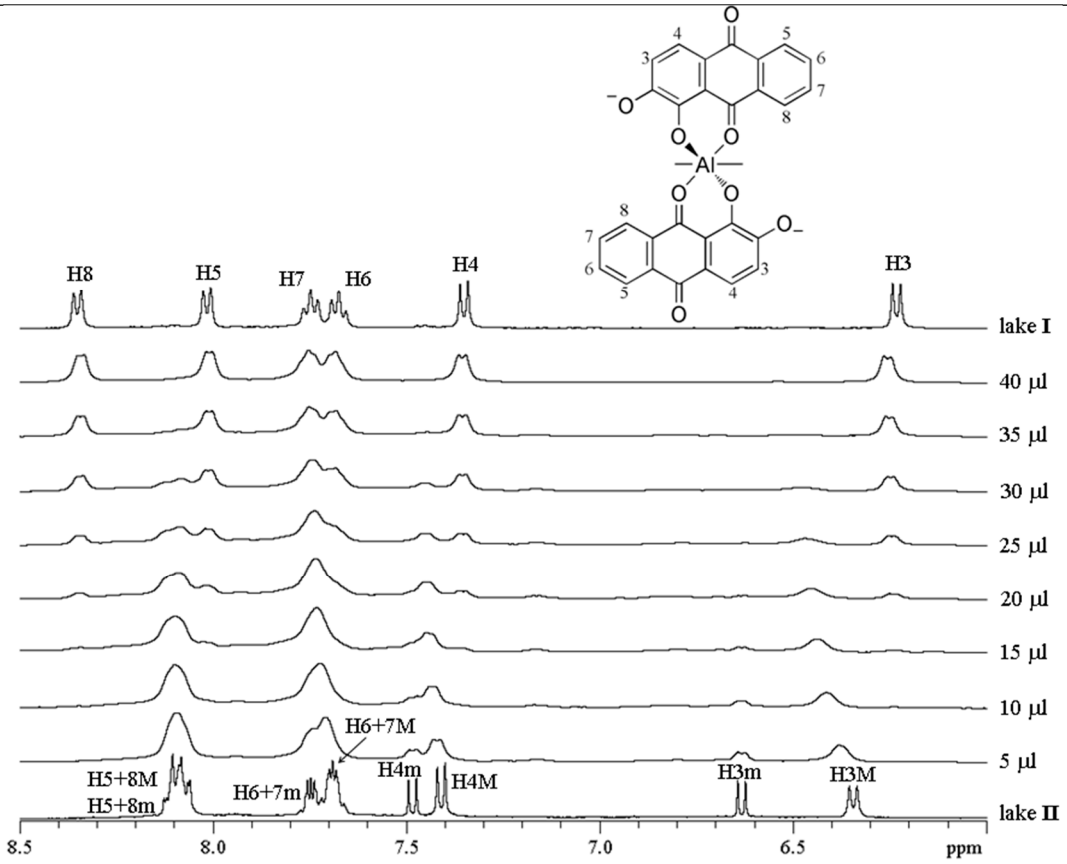

Figure S3. ^{1}H NMR spectra (DMSO-d_6) of lake **2** with increasing volumes of NaOD (c =0.33 mmol/ml) and comparison with lake **1**.

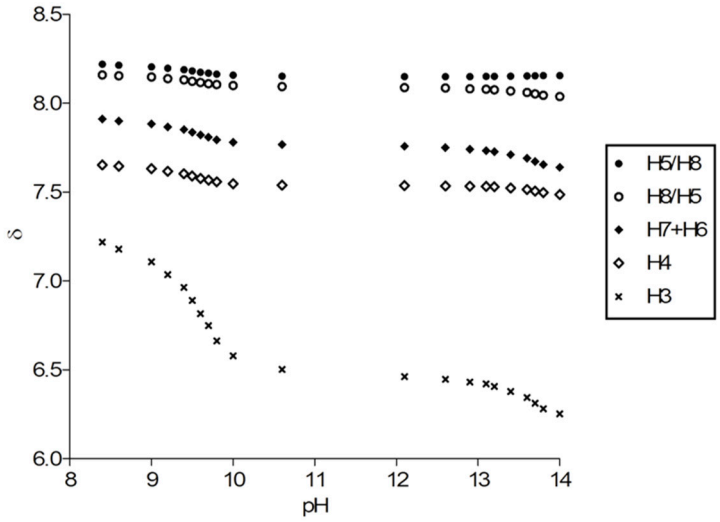

Figure S4. ^{1}H chemical shifts of alizarin as function of pH, in DMSO-d_6 solution containing residual water.

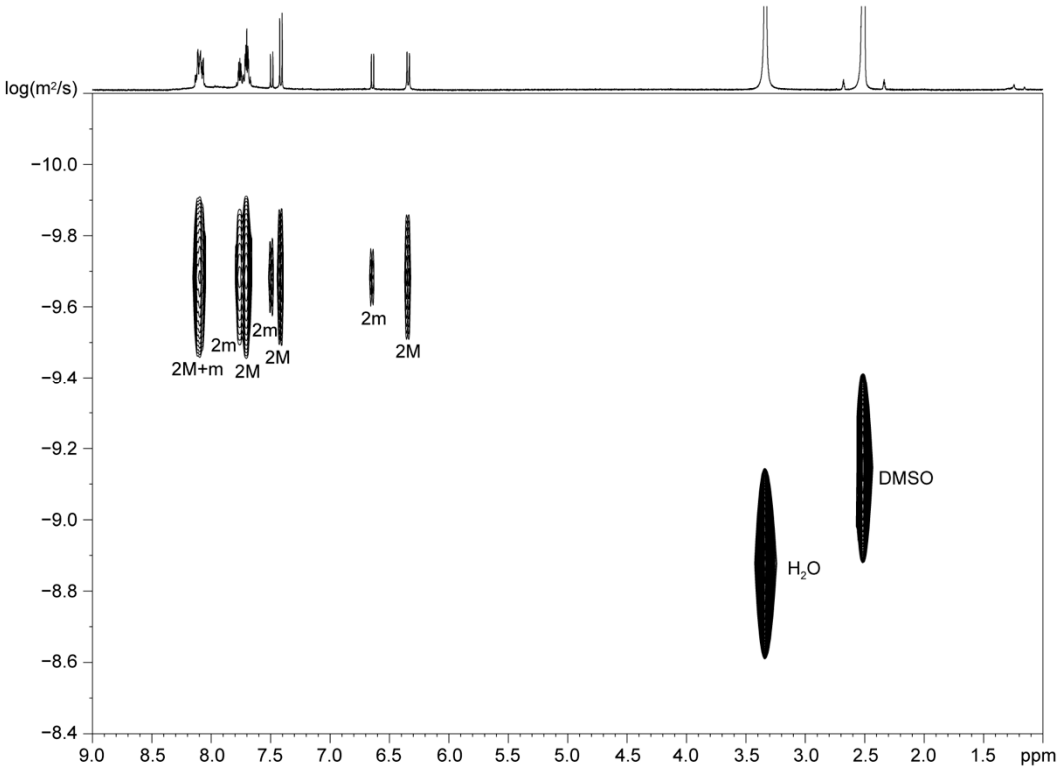

Figure S5. H-DOSY spectrum of lake **2** in DMSO-d_6, at 298K.

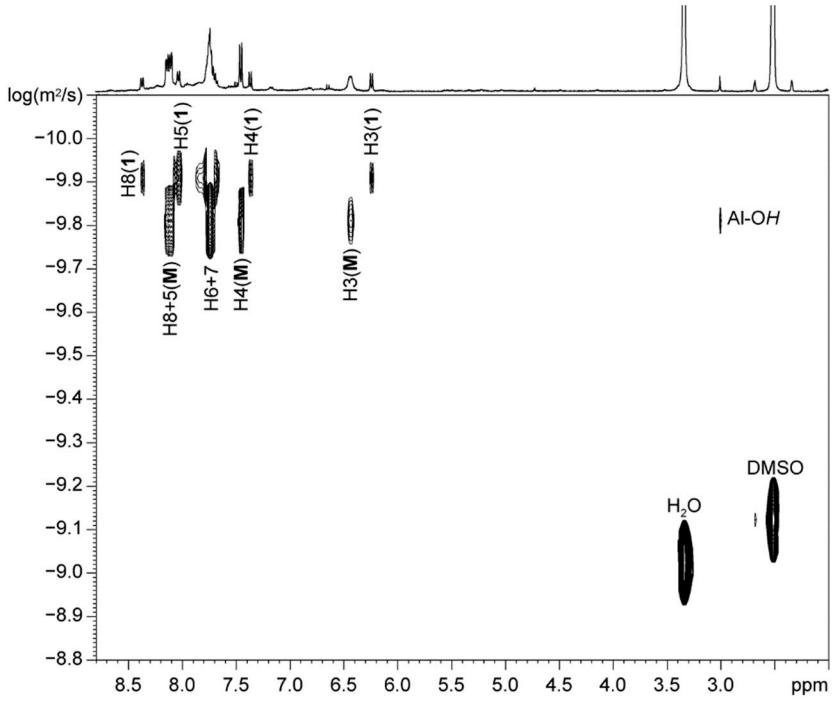

Figure S6. H-DOSY spectrum of a mixture of lakes **1** and **2** in DMSO-d_6, at 298K.

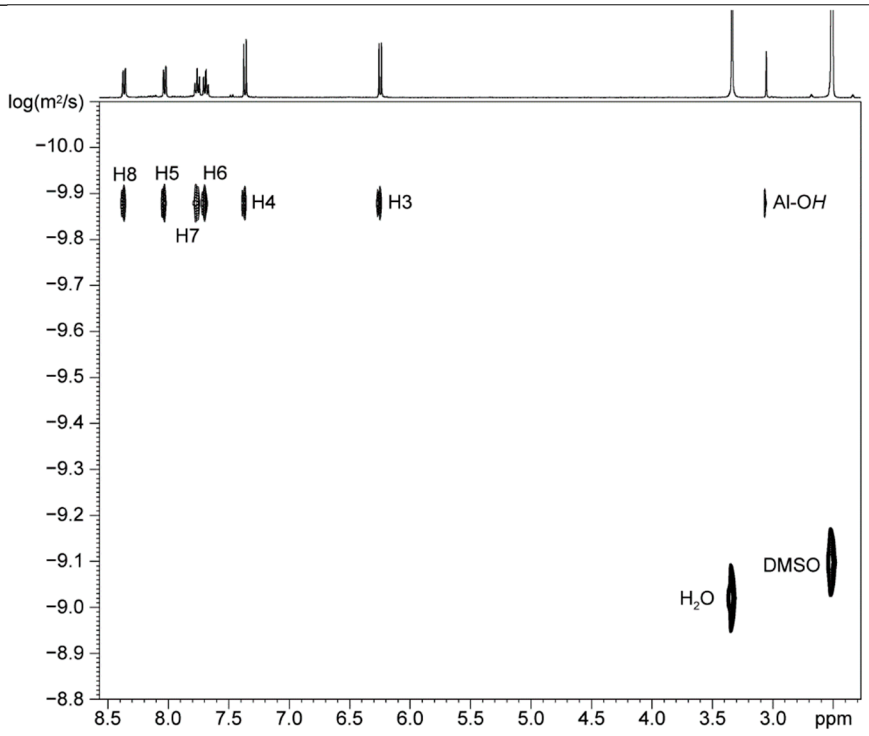

Figure S7. H-DOSY spectrum of lake **1** in DMSO-d_6, at 298K.