Bis(Amino Acid) Oxalyl Amides as Ambidextrous Gelators of Water and Organic Solvents. Supramolecular Gels With Temperature Dependent Assembly-Dissolution Equilibrium

Janja Makarevic, Milan Jokic, Berislav Peric
Vladislav Tomišic, Biserka Kojic-Prodic*, Mladen Žinic*

Supplementary material
Figure 1 SEM images of crystalline tubes and spheres formed by ageing of various 2a gels.
Figure 2 Concentration dependence of absorbance at $\lambda_{max}$ 241 nm determined for 5a-DMSO/water (1:4.8 v/v) solutions showing violation of the Lamber-Beer low above the concentration of $0.4 \times 10^{-3}$ mol/dm$^3$ (top). Linear part of absorbance/c$_{5a}$ plot used for extrapolation of absorbance to higher concentrations and calculation of the hypochromic effect (bottom).
Figure 3 $^1$H NMR spectra of 2a-CD$_3$CN/CDC1$_3$ gel at 20 °C (top) and of the solution obtained by heating the same sample at 55 °C (bottom) showing different intensities of residual nondeuterated CD$_3$CN solvent signal at $\delta$ 1.992 and of the internal standard (CHCl$_2$CHCl$_2$; $\delta$ 6.2) in both spectra.