

Fig. 1S. The IR spectrum of [4-NH₂-2-Me(Q)H][VO(bcma)(H₂O)]2H₂O.

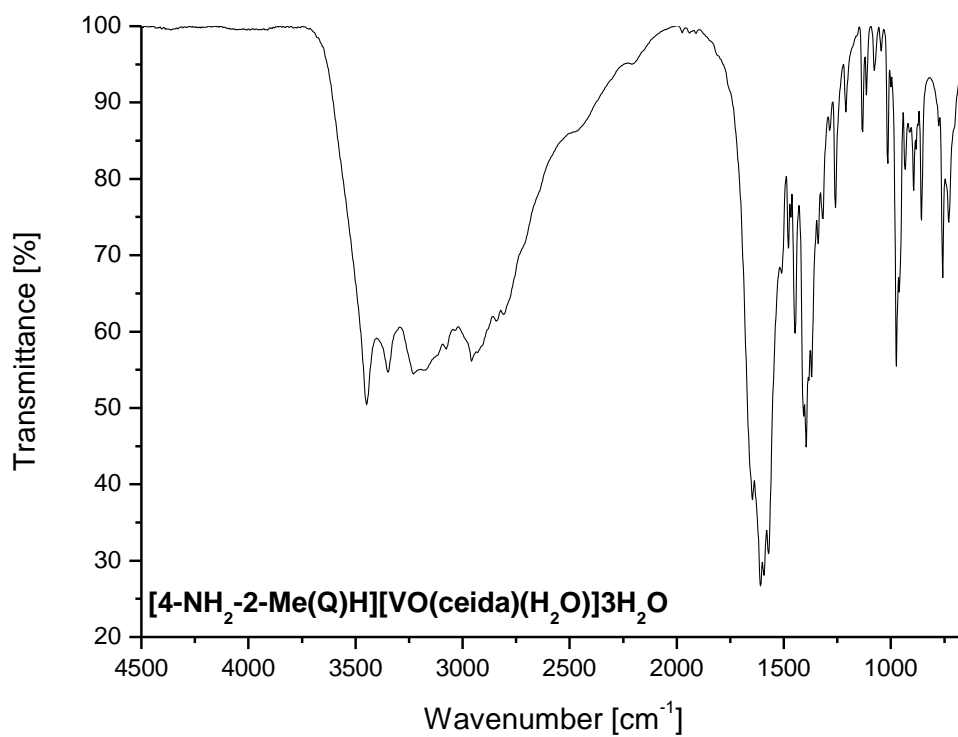


Fig. 2S. The IR spectrum of [4-NH₂-2-Me(Q)H][VO(ceida)(H₂O)]3H₂O.

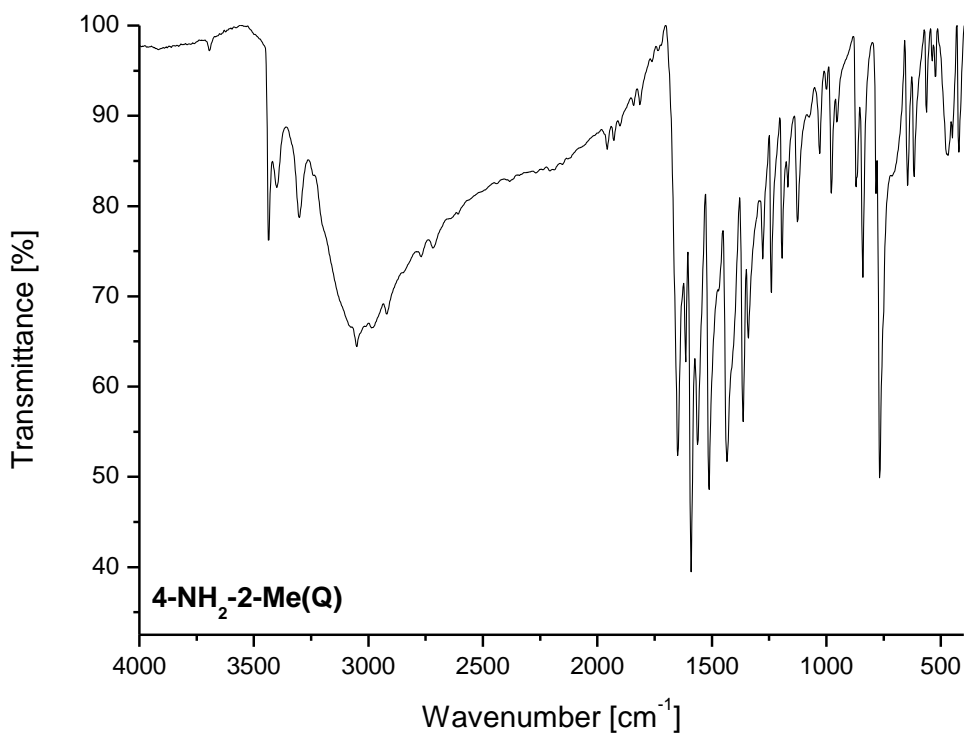


Fig. 3S. The IR spectrum of 4-NH₂-2-Me(Q).

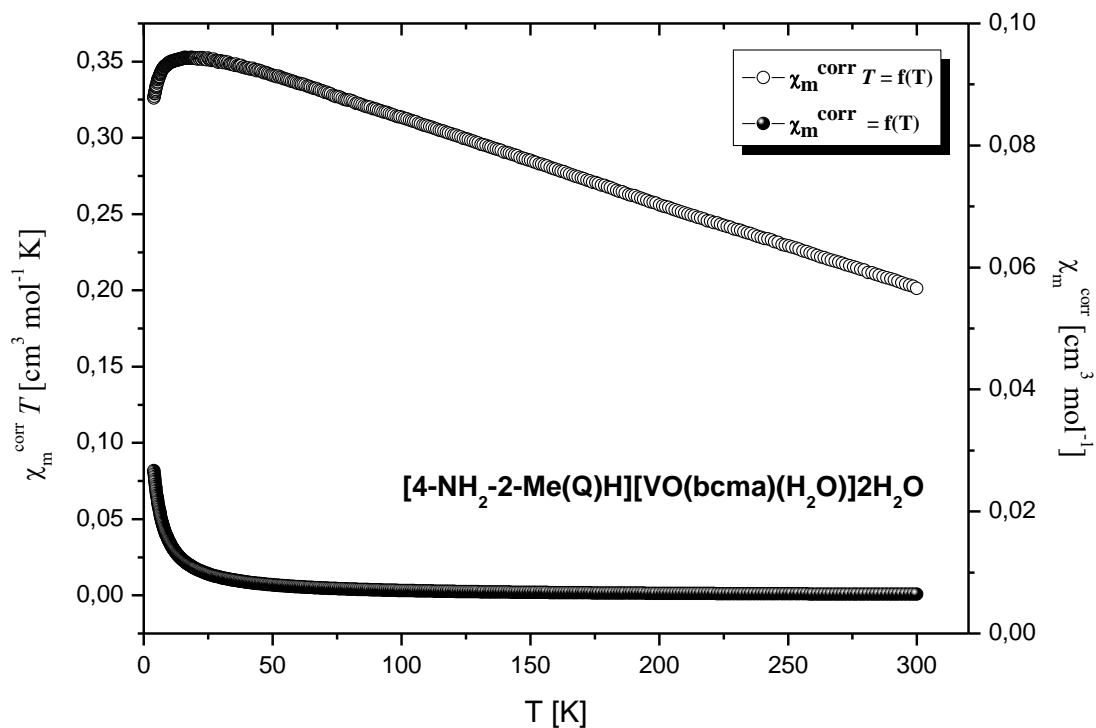


Fig. 4S. The temperature dependence of experimental $\chi_m T$ and χ_m (χ_m per one V(IV) ion) for [4-NH₂-2-Me(Q)H][VO(bcma)(H₂O)]₂H₂O.

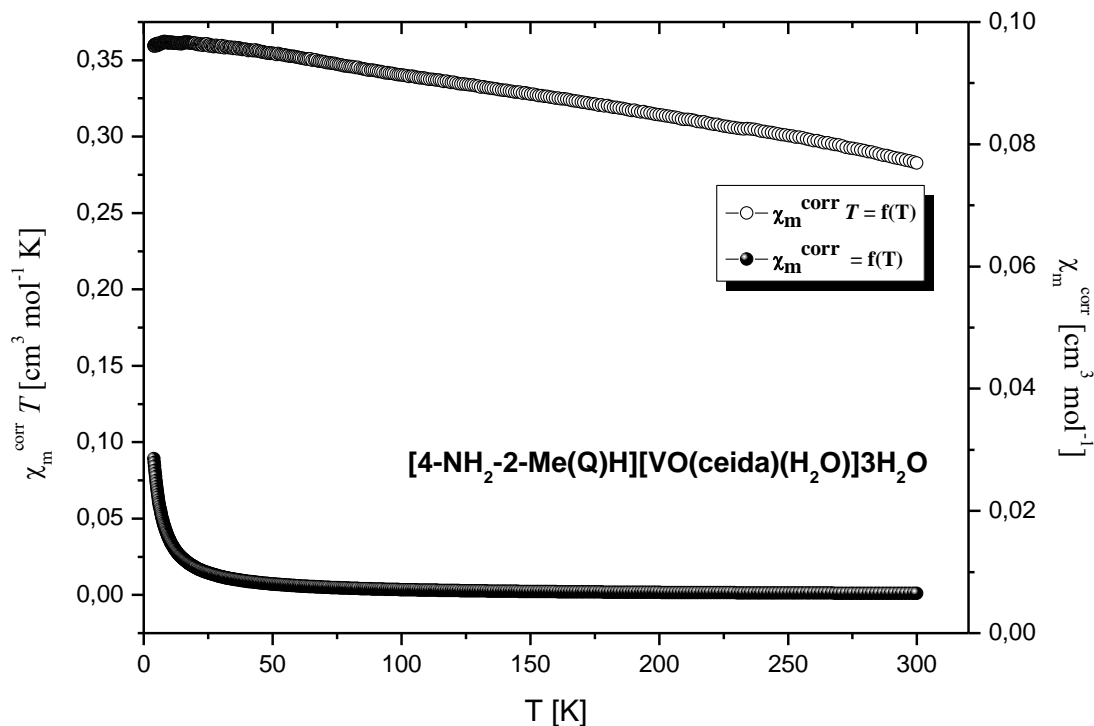


Fig. 5S. The temperature dependence of experimental $\chi_m T$ and χ_m (χ_m per one V(IV) ion) for [4-NH₂-2-Me(Q)H][VO(ceida)(H₂O)]3H₂O.

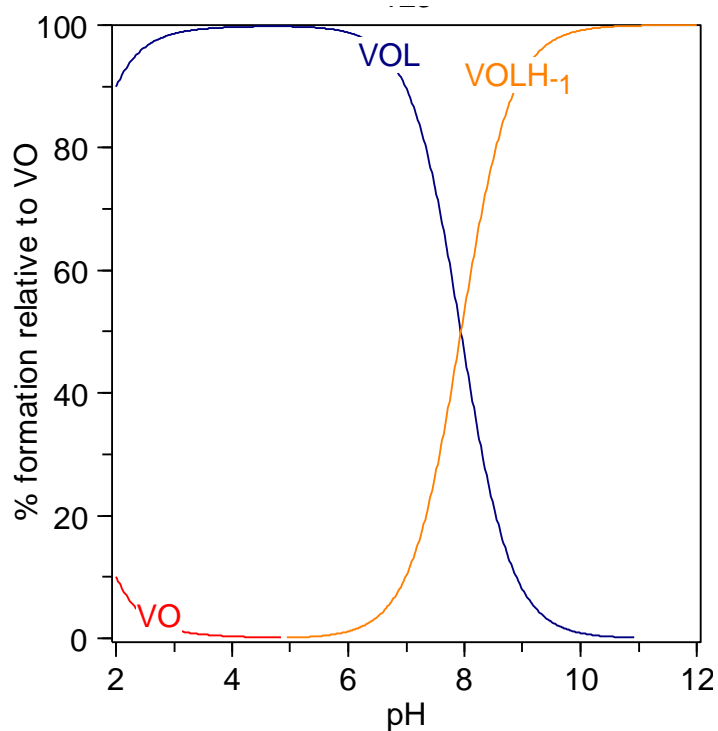


Fig. 6S. Concentration distribution curves of the species presented in the [4-NH₂-2-Me(Q)H][VO(bcma)(H₂O)]2H₂O solution as a function of the pH calculated based on the stability constants listed in Table 1.

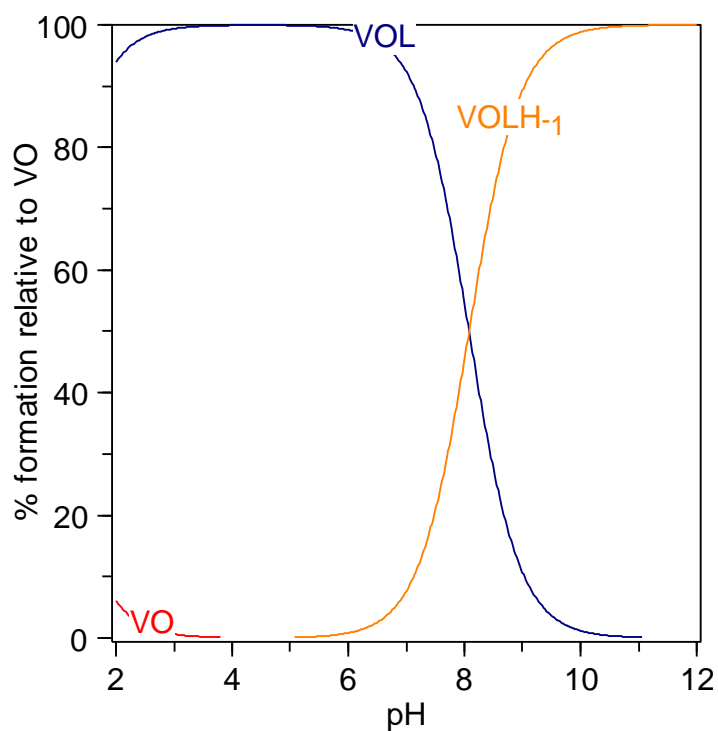


Fig. 7S. Concentration distribution curves of the species presented in the [4-NH₂-2-Me(Q)H]₂[VO(pmida)]₃H₂O solution as a function of the pH calculated based on the stability constants listed in Table 1.

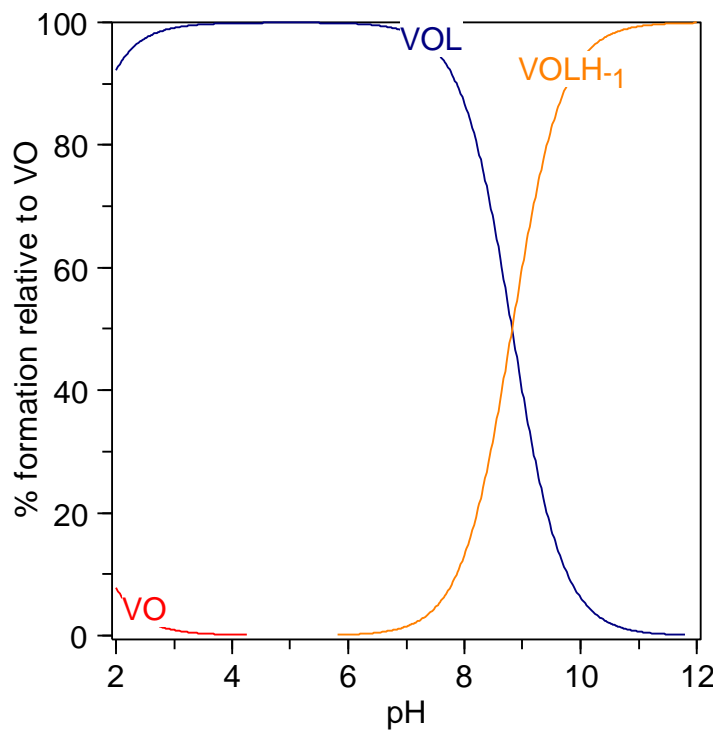


Fig. 8S. Concentration distribution curves of the species presented in the [4-NH₂-2-Me(Q)H][VO(ceida)(H₂O)]₃H₂O solution as a function of the pH calculated based on the stability constants listed in Table 1.