

Electronic supplementary information (ESI)

Oxocomplexes of U(VI) with 8-Hydroxyquinoline-5-Sulfonate in Solution: Structural Studies and Photophysical Behaviour[†]

M. Luísa Ramos, Licinia L. G. Justino, Rui Barata, Telma Costa, Bernardo A. Nogueira,
Rui Fausto, Hugh D. Burrows

*Centro de Química and Department of Chemistry, University of Coimbra, 3004-535
Coimbra, Portugal*

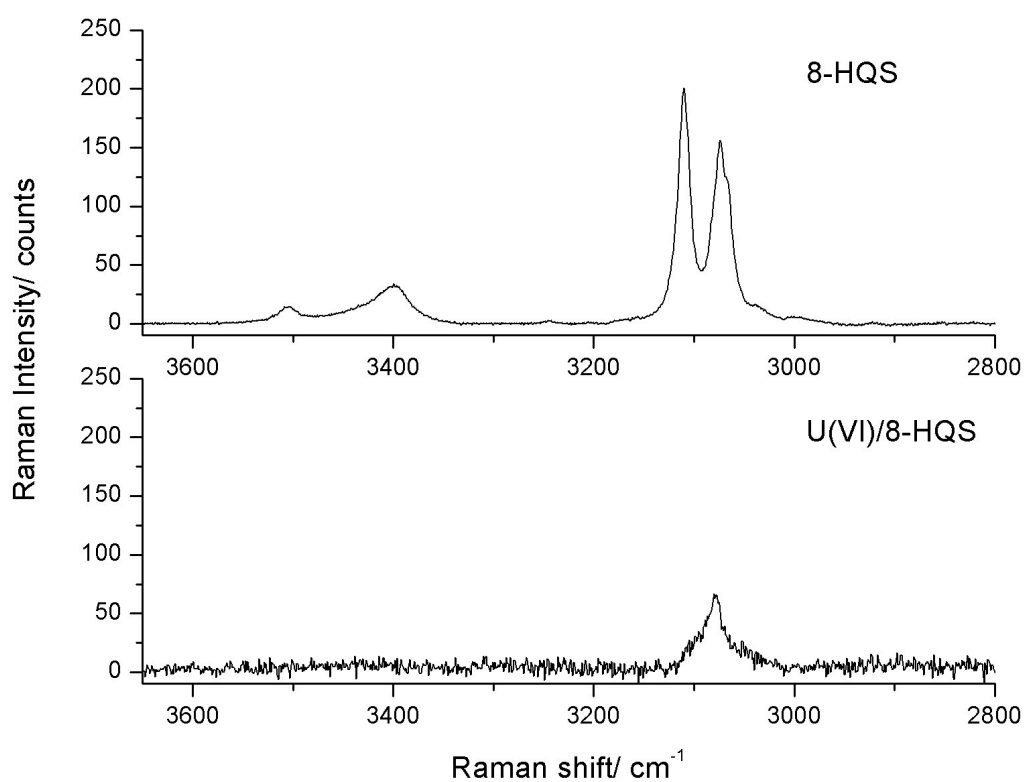


Fig. S1 - Raman spectra of 2800 – 3600 cm⁻¹ region for 8-HQS and U(VI)/8-HQS

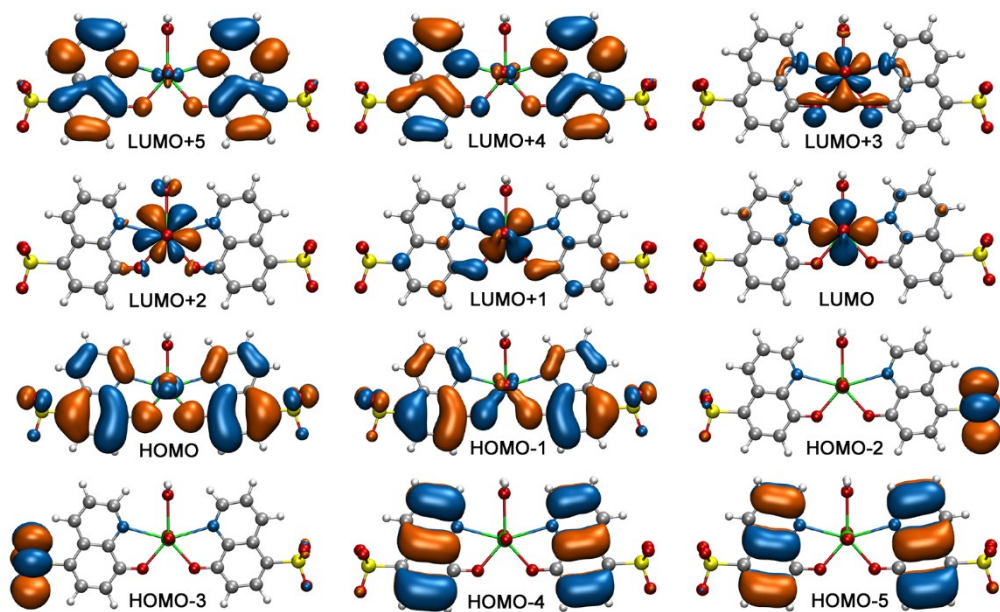


Fig. S2 - Orbital density distribution for the orbitals from HOMO-5 to LUMO+5 calculated at the DFT/B3LYP level of theory for the $[U(8-HQS)_2H_2O]^{2-}$ complex.