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SUPPLEMENTARY

Cytotoxic evaluations, spectral characterizations and DFT theoretical calculations of new dioxidovanadium(V) complexes

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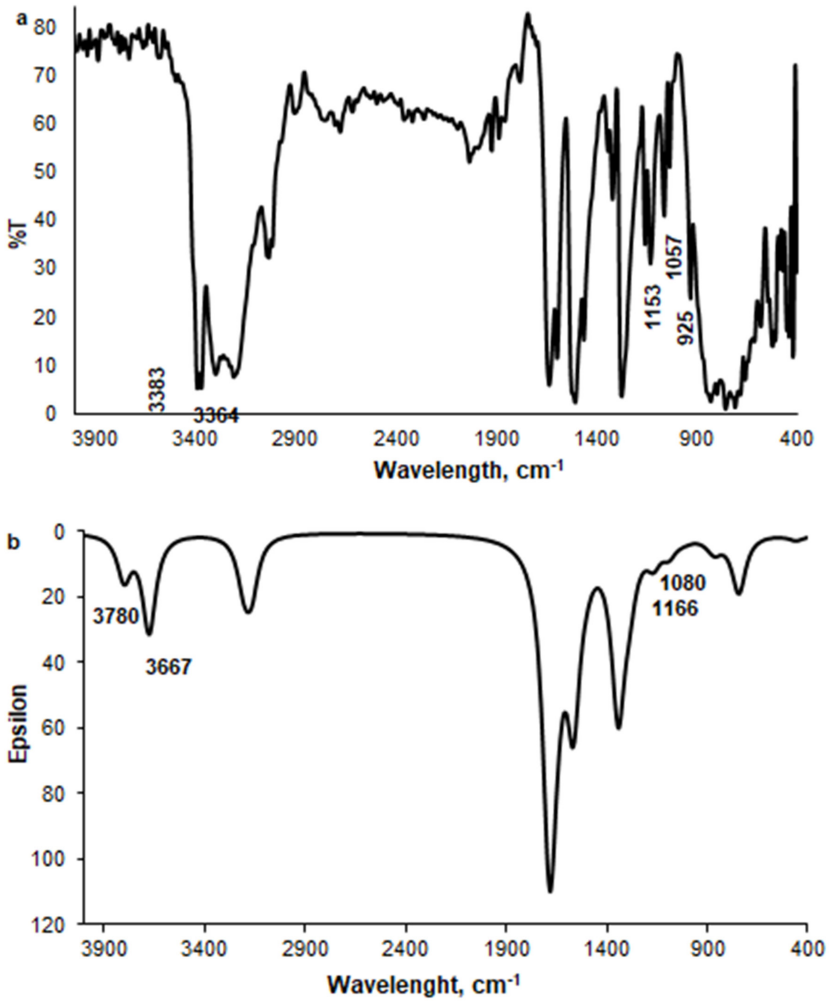

Fig. S1. The FT-IR experimental (a) and calculated (b) spectra of the (OPD) ligand.

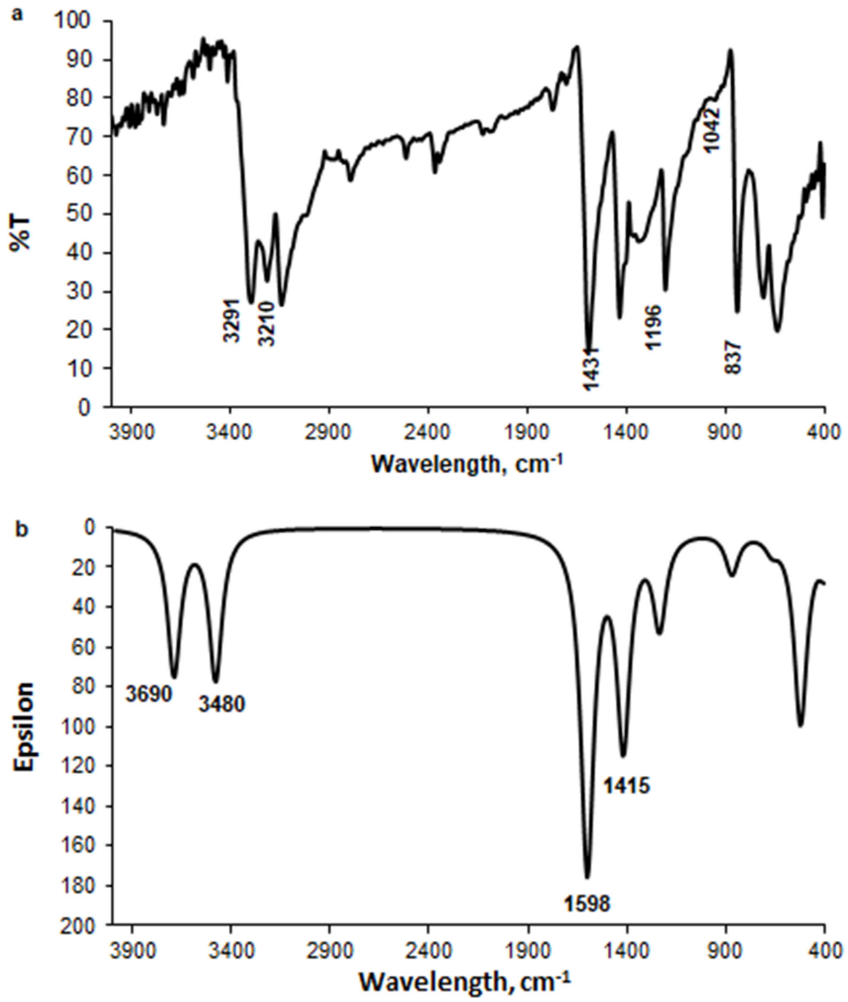

Fig. S2. The FT-IR experimental (a) and calculated (b) spectra of the (DTO) ligand.

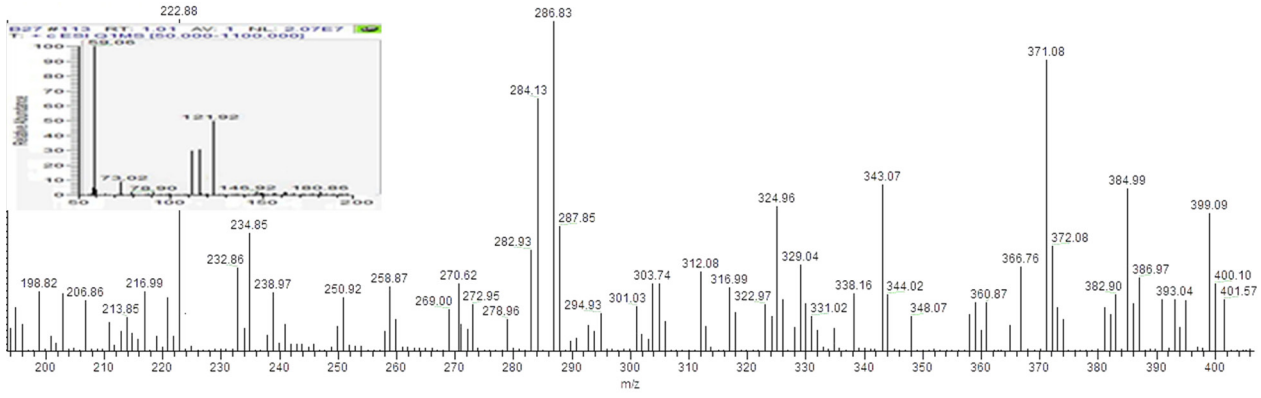

Fig. S3. The mass spectrum of the $[VO_2(OPD)(DTO)]OH\times4H_2O$ complex (2).

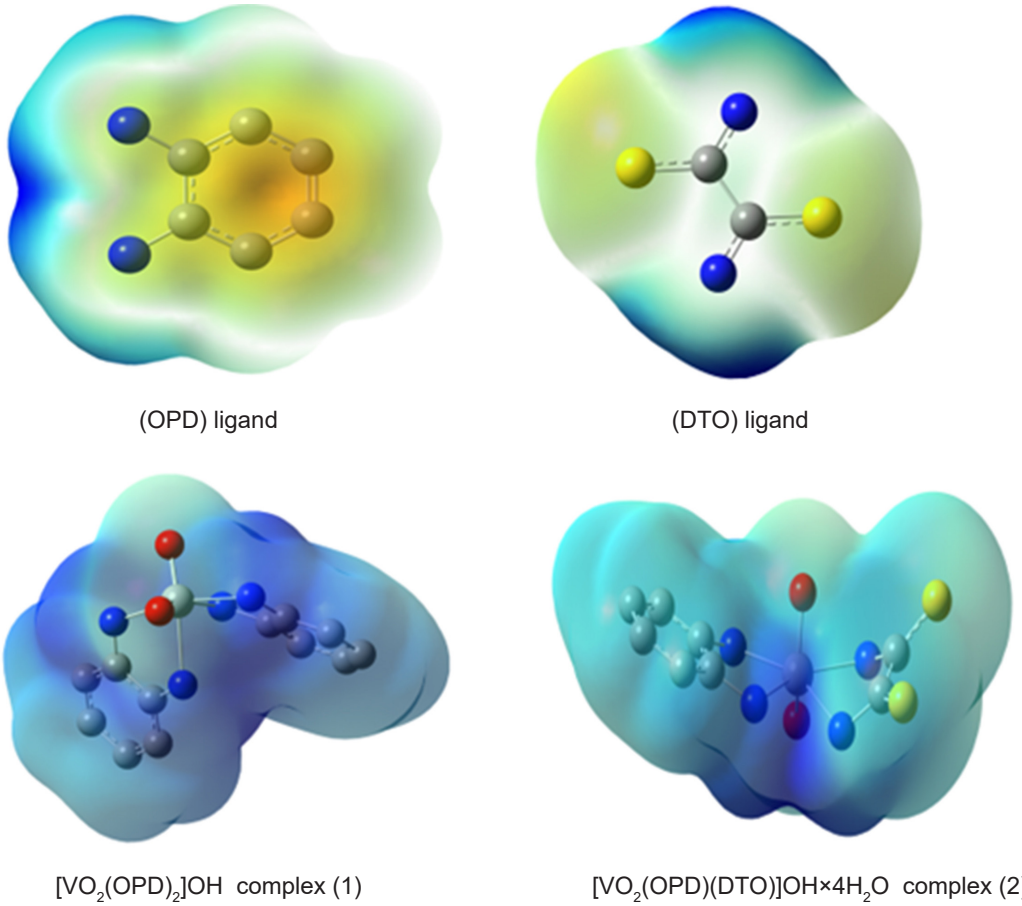

Fig. S4. The (OPD), (DTO) ligands and the dioxidovanadium complexes molecular electrostatic potential (MEP). Vanadium (pale gray), Carbon (deep gray), Nitrogen (blue), Oxygen (red), Sulfur (yellow). The hydrogen atoms were omitted foe simplicity.