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SUPPORTING INFORMATION AVAILABLE

## EPR and <sup>51</sup>V NMR studies of prospective anti-diabetic *bis*(3-hydroxy-4-pyridinonato) oxidovanadium(IV) complexes in aqueous solution and liposome suspensions

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## TABLE OF CONTENTS:

EPR spectra of $VO(etpp)_2$ in MOPS and POPC along the time	2
$^{51}$ V NMR spectra of VO(etpp) <sub>2</sub> in MOPS and POPC along the time	2
EPR spectra of $VO(mepp)_2$ in MOPS and POPC along the time	3
$^{51}$ V NMR spectra of VO(mepp) <sub>2</sub> in MOPS and POPC along the time	3
EPR spectra of $VO(empp)_2$ in MOPS and POPC along the time	4
$^{51}$ V NMR spectra of VO(empp) <sub>2</sub> in MOPS and POPC along the time	4



**Figure S1-** EPR spectra of VO(etpp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h (a); 1h (b); 2h(c) and 3h (d).



**Figure S2**  $-{}^{51}$ V NMR spectra of VO(etpp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h, 1h, 2h and 3h.



**Figure S3** - EPR spectra of VO(mepp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h (a); 1h (b); 2h(c) and 3h (d).



**Figure S4**  $-{}^{51}$ V NMR spectra of VO(mepp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h, 1h, 2h and 3h.



**Figure S5** - EPR spectra of VO(empp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h (a); 1h (b); 2h(c) and 3h (d).



**Figure S6**  $-{}^{51}$ V NMR spectra of VO(empp)<sub>2</sub> in MOPS (left) and POPC (right) at 1.5 mM and at 0h, 1h, 2h and 3h.