Supplementary Material

New Bioconjugated Technetium and Rhenium Folates synthesized by Transmetallation Reaction with Zinc Derivatives

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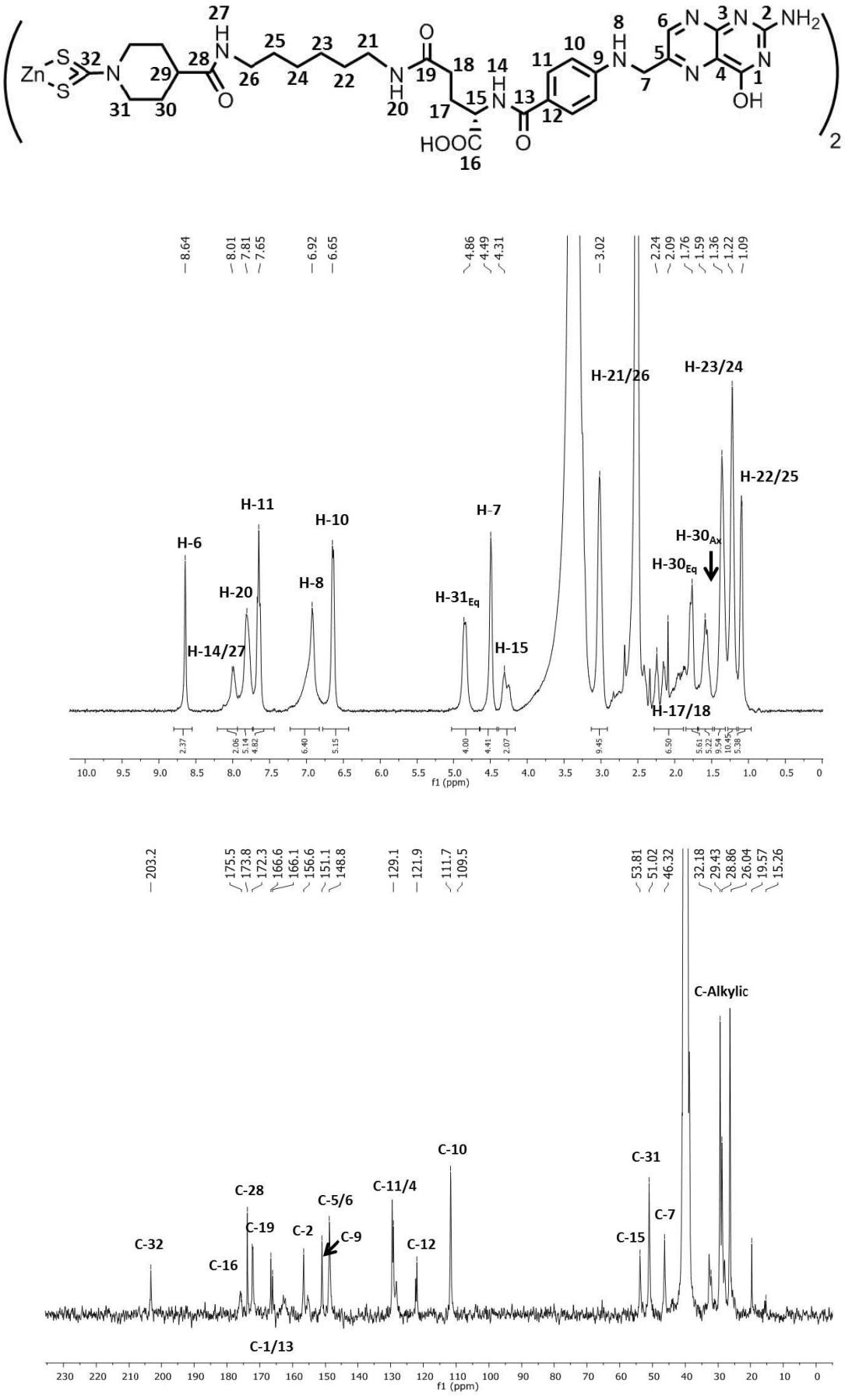

Figure S1. Spectroscopic data for **2**$_{(Zn)}$. ^{1}H NMR (top; d$_6$-DMSO-400 MHz) and ^{13}C NMR (bottom; d$_6$-DMSO-400 MHz).

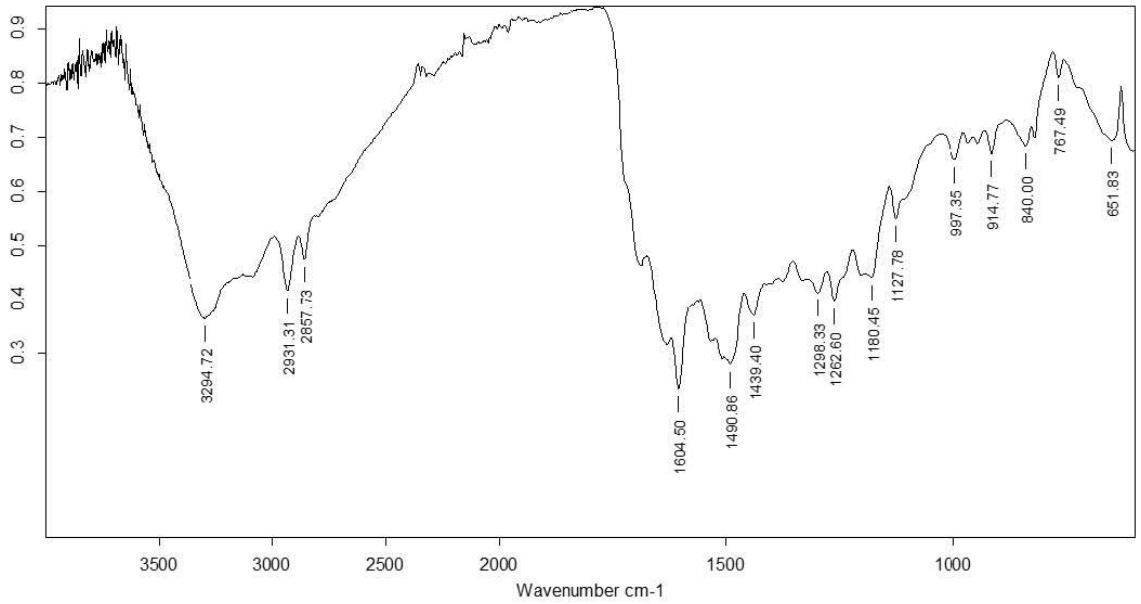

Figure S2. Spectroscopic data for **2**$_{(Zn)}$ (IR-ATR)

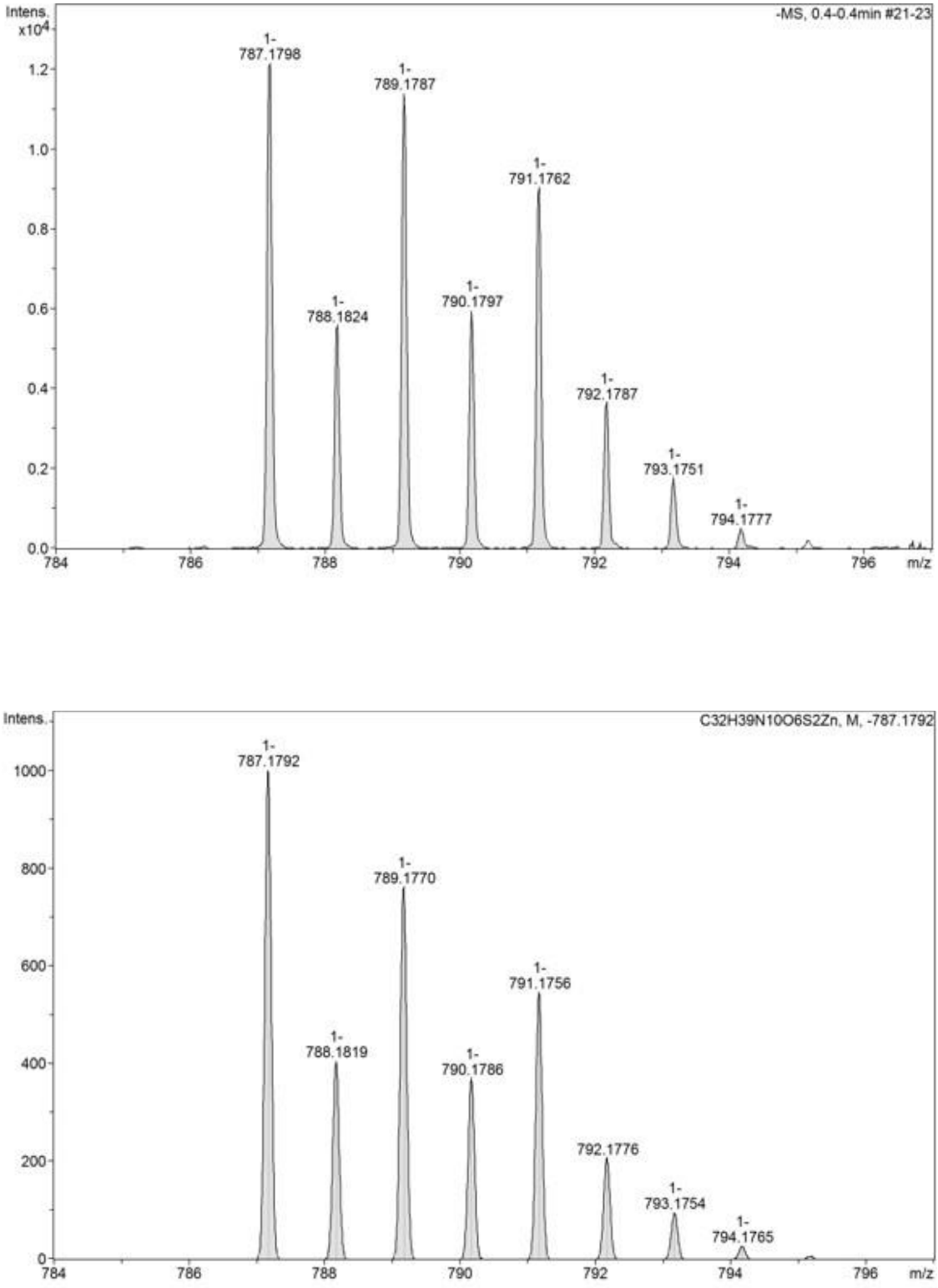

Figure S3. Spectrometric data for **2**$_{(Zn)}$ (HRMS). Experimental (top) and calculated (bottom) for [M]-L^--$2H^+$.

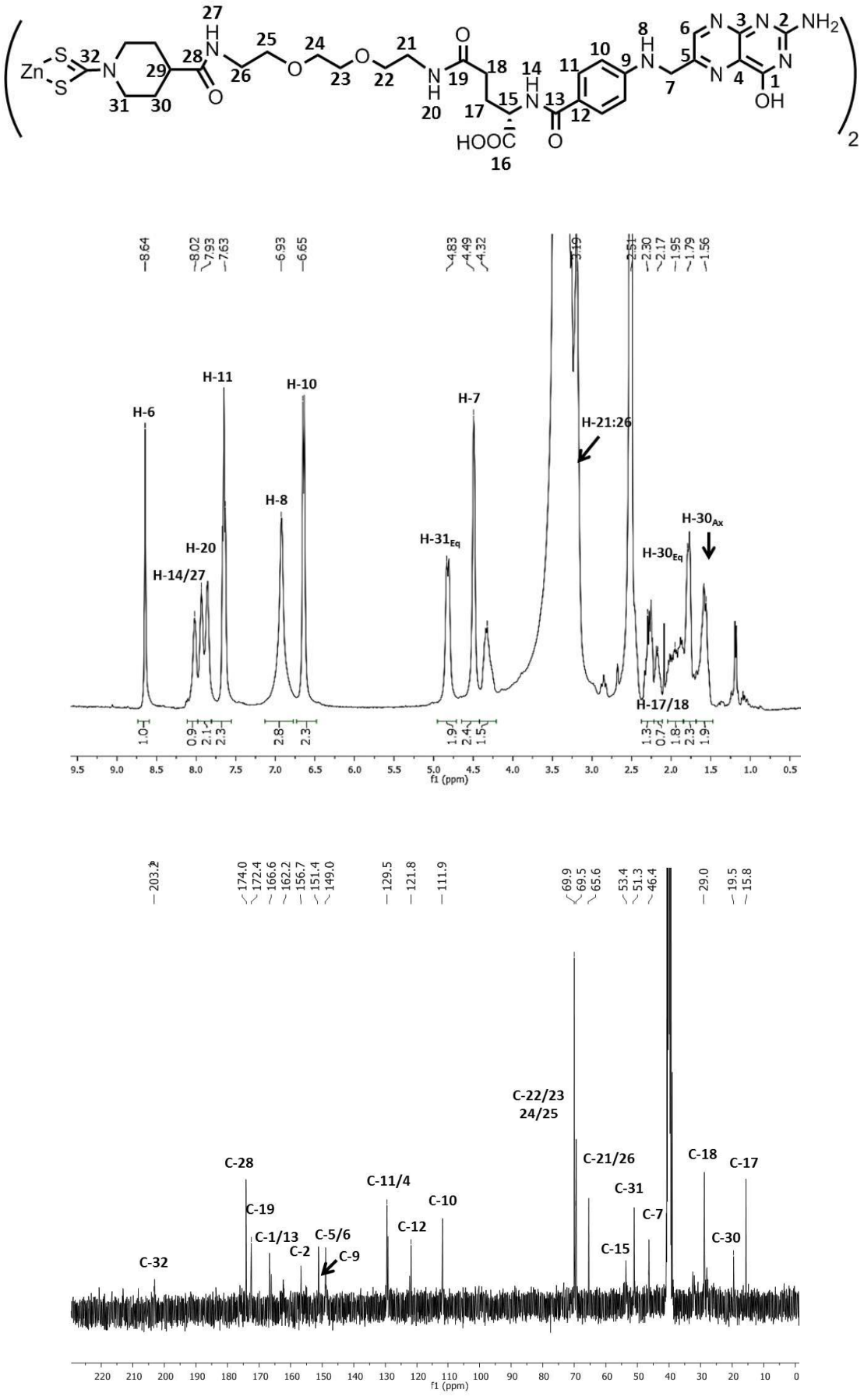

Figure S4. Spectroscopic data for **3**$_{(Zn)}$. ^{1}H NMR (top; d$_6$-DMSO-400 MHz) and ^{13}C NMR (bottom; d$_6$-DMSO-400 MHz).

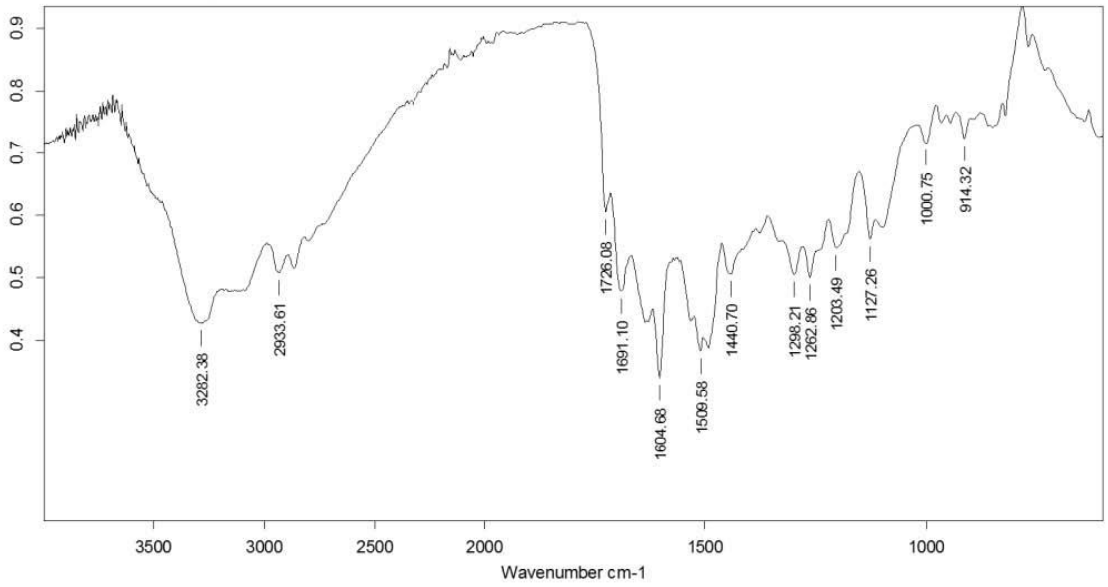

Figure S5. Spectroscopic data for **3**$_{(Zn)}$ (IR-ATR)

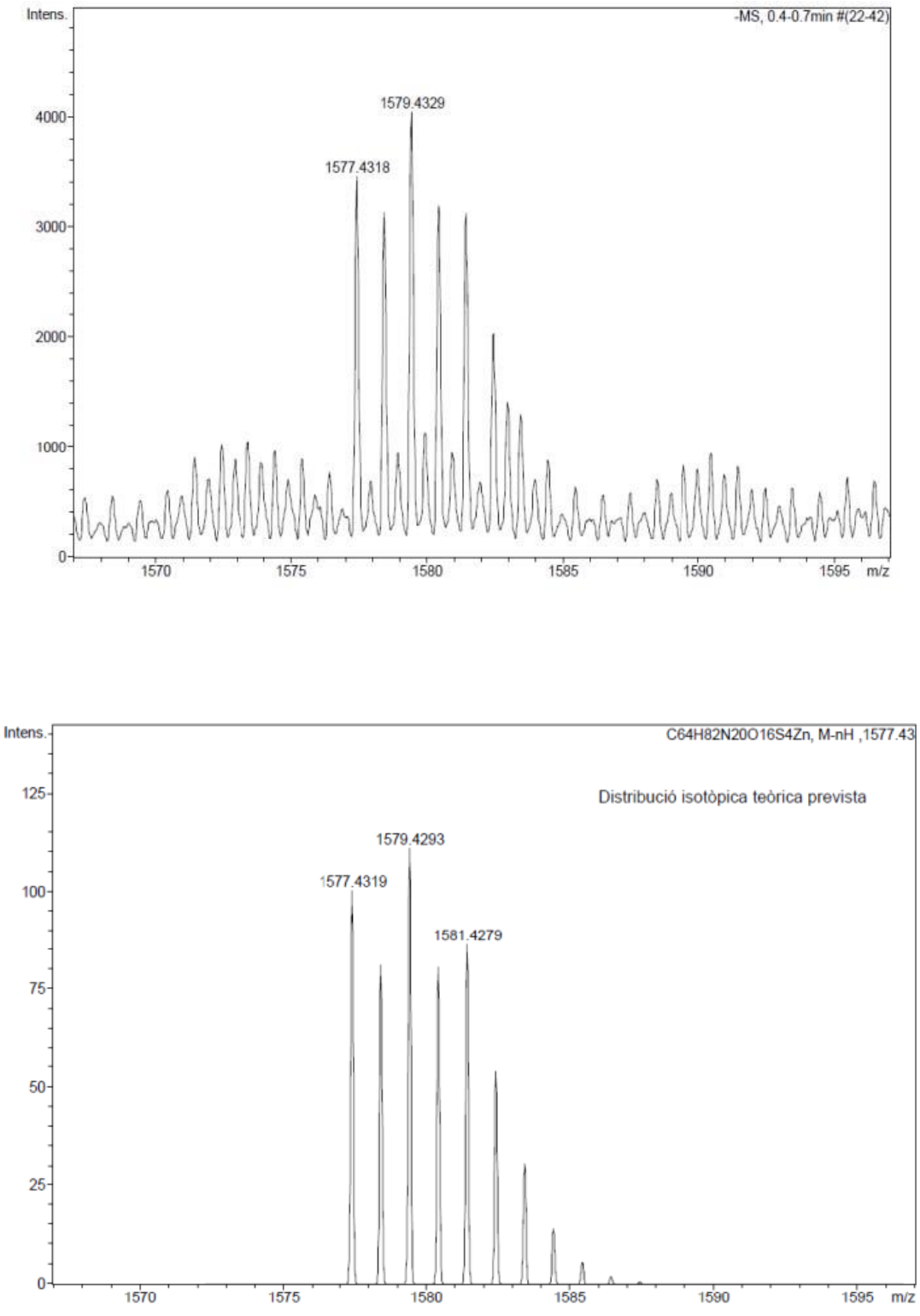

Figure S6. Spectrometric data for **3**$_{(Zn)}$ (HRMS). Experimental (top) and calculated (bottom) for [M]-H^+.

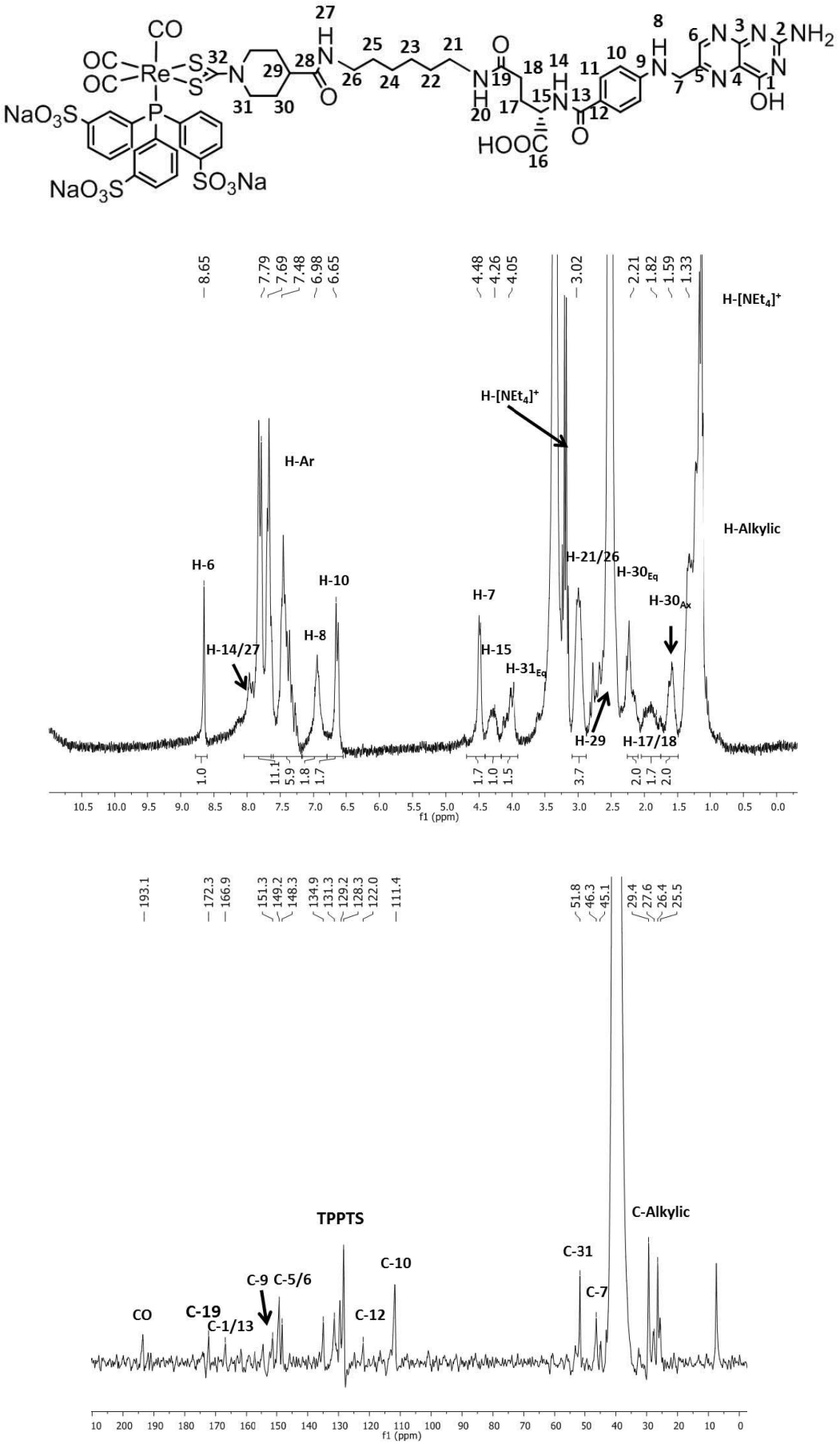

Figure S7. Spectroscopic data for **2**$_{(Re)}$. ^{1}H NMR (top; d$_6$-DMSO-250 MHz) and ^{13}C NMR (bottom; d$_6$-DMSO-250 MHz).

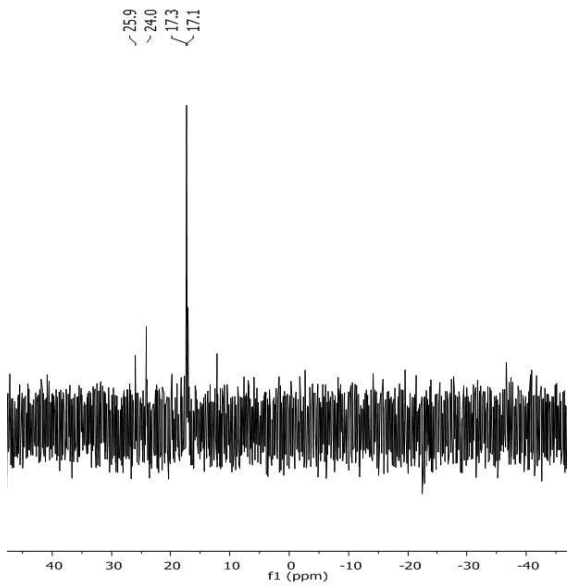

Figure S8. Spectroscopic data for **2**$_{(Re)}$. ^{31}P (d$_6$-DMSO-250 MHz).

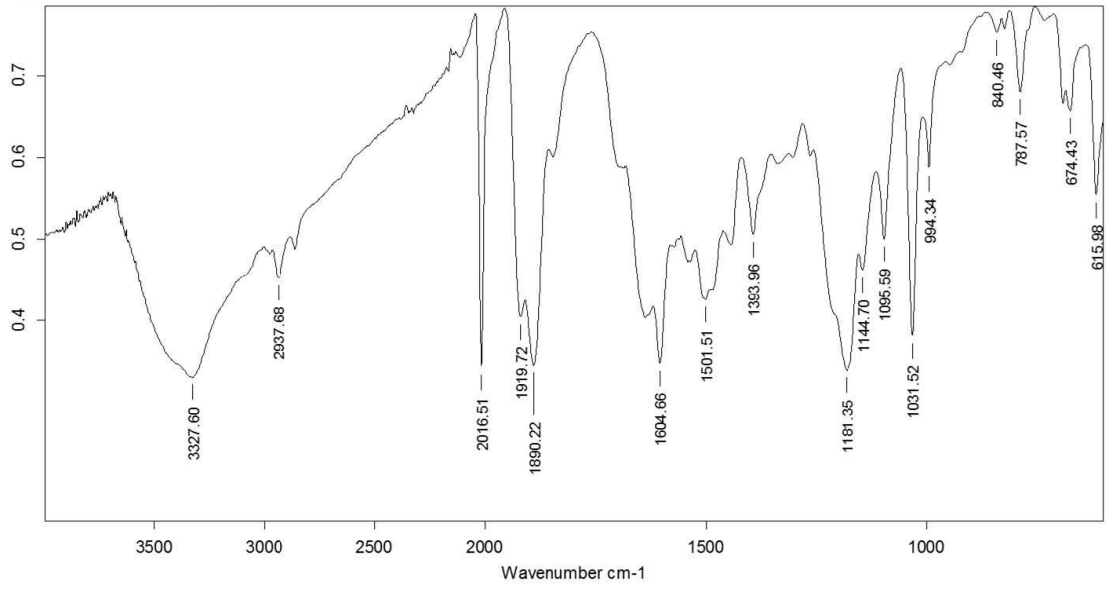

Figure S9. Spectroscopic data for **2**$_{(Re)}$ (IR-ATR)

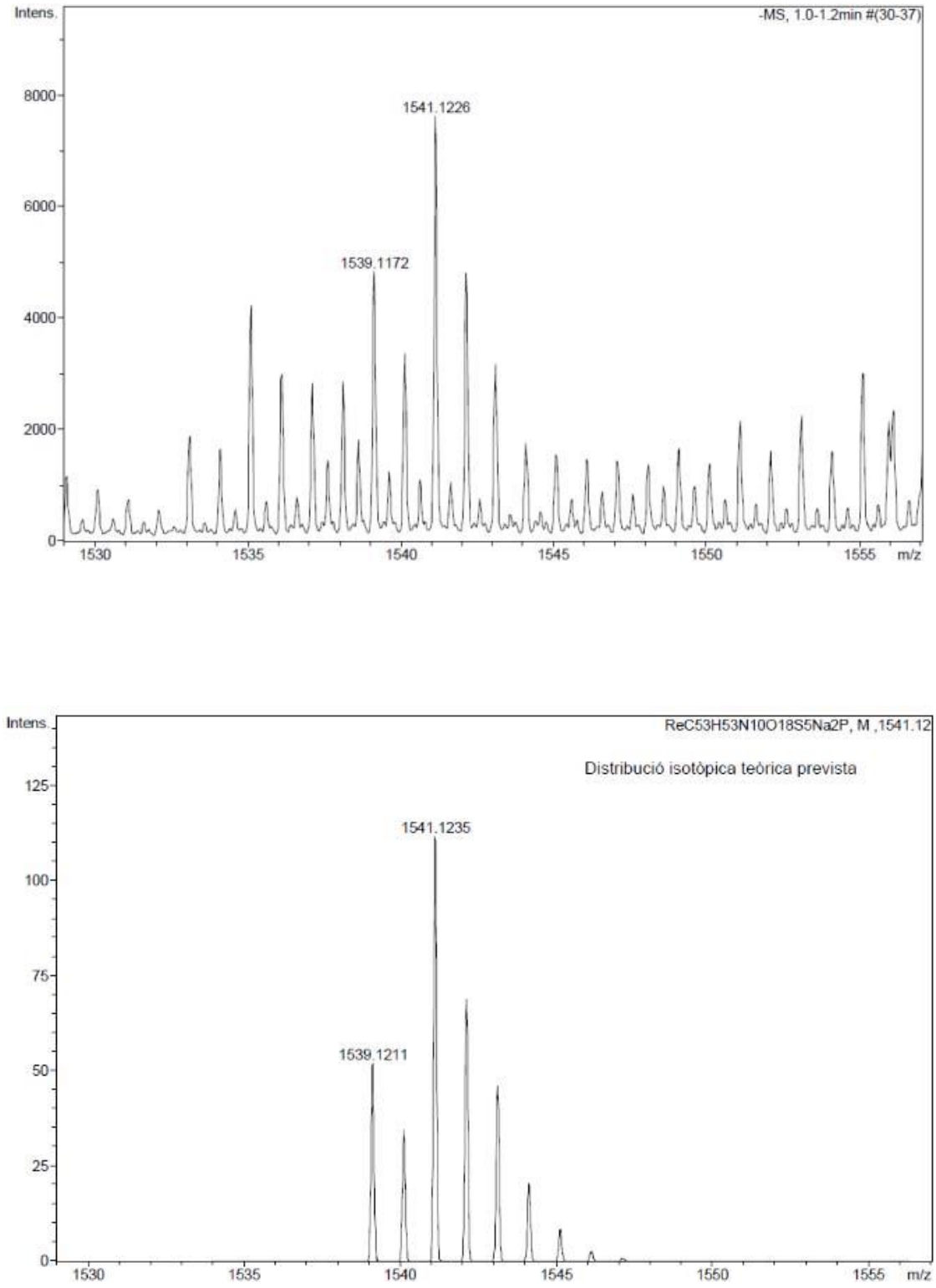

Figure S10. Spectrometric data for **2**$_{(Re)}$ (HRMS). Experimental (top) and calculated (bottom) for [M]-Na^+.

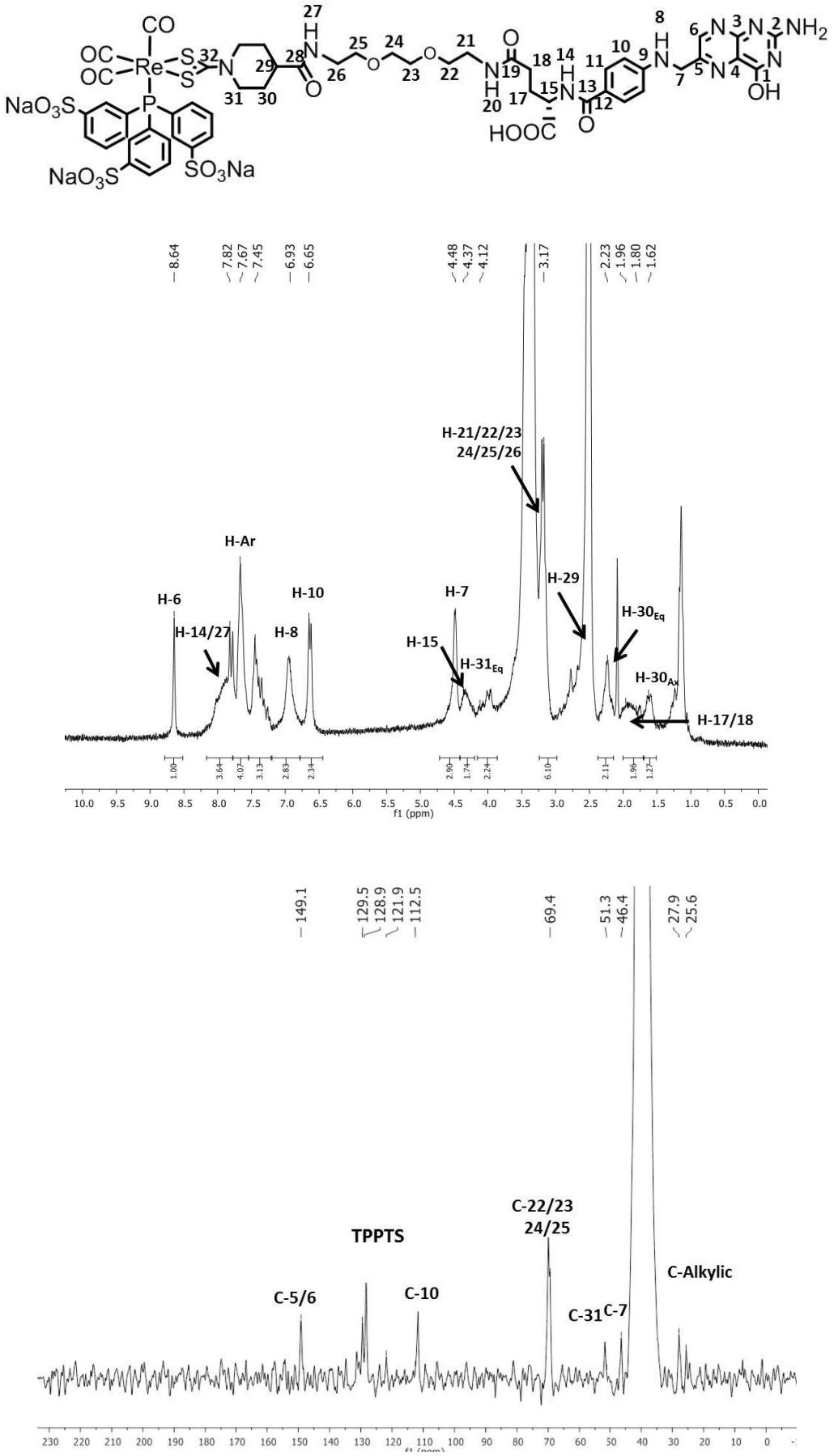

Figure S11. Spectroscopic data for **3**$_{(Re)}$. ^{1}H NMR (top; d$_6$-DMSO-250 MHz) and ^{13}C NMR (bottom; d$_6$-DMSO-360 MHz).

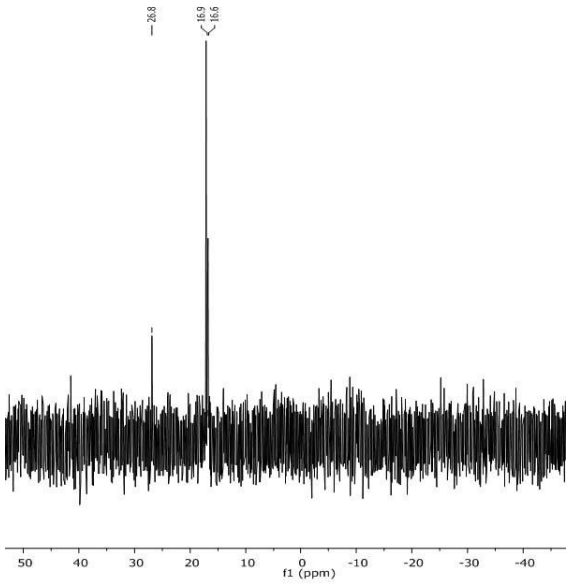

Figure S12. Spectroscopic data for **3**$_{(Re)}$. ^{31}P (d_6-DMSO-250 MHz).

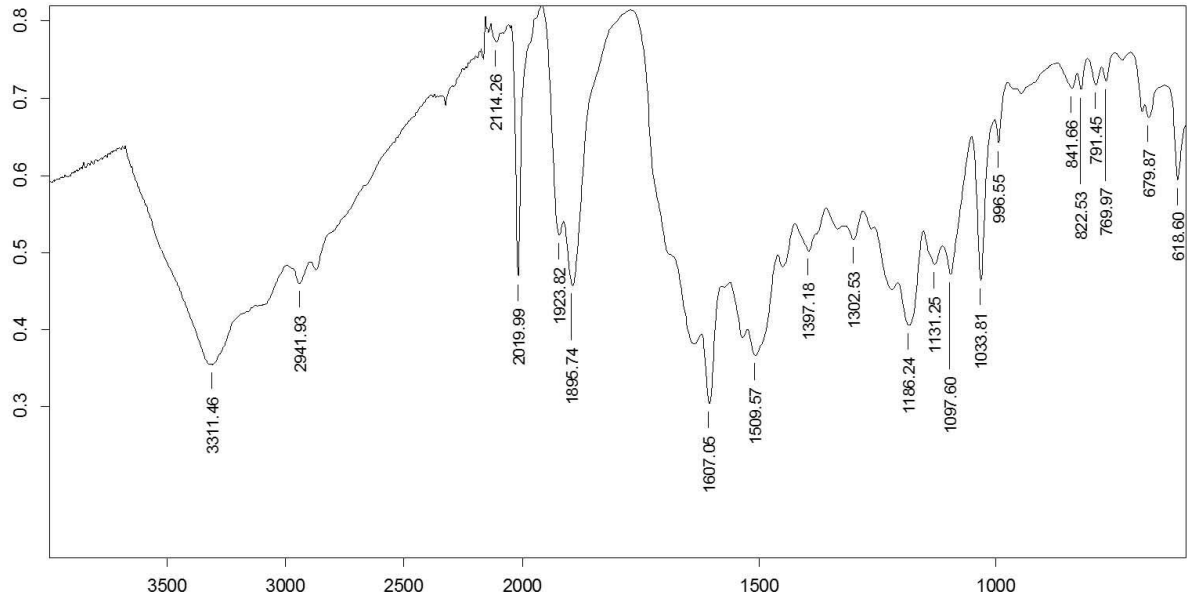

Figure S13. Spectroscopic data for **3**$_{(Re)}$ (IR-ATR).

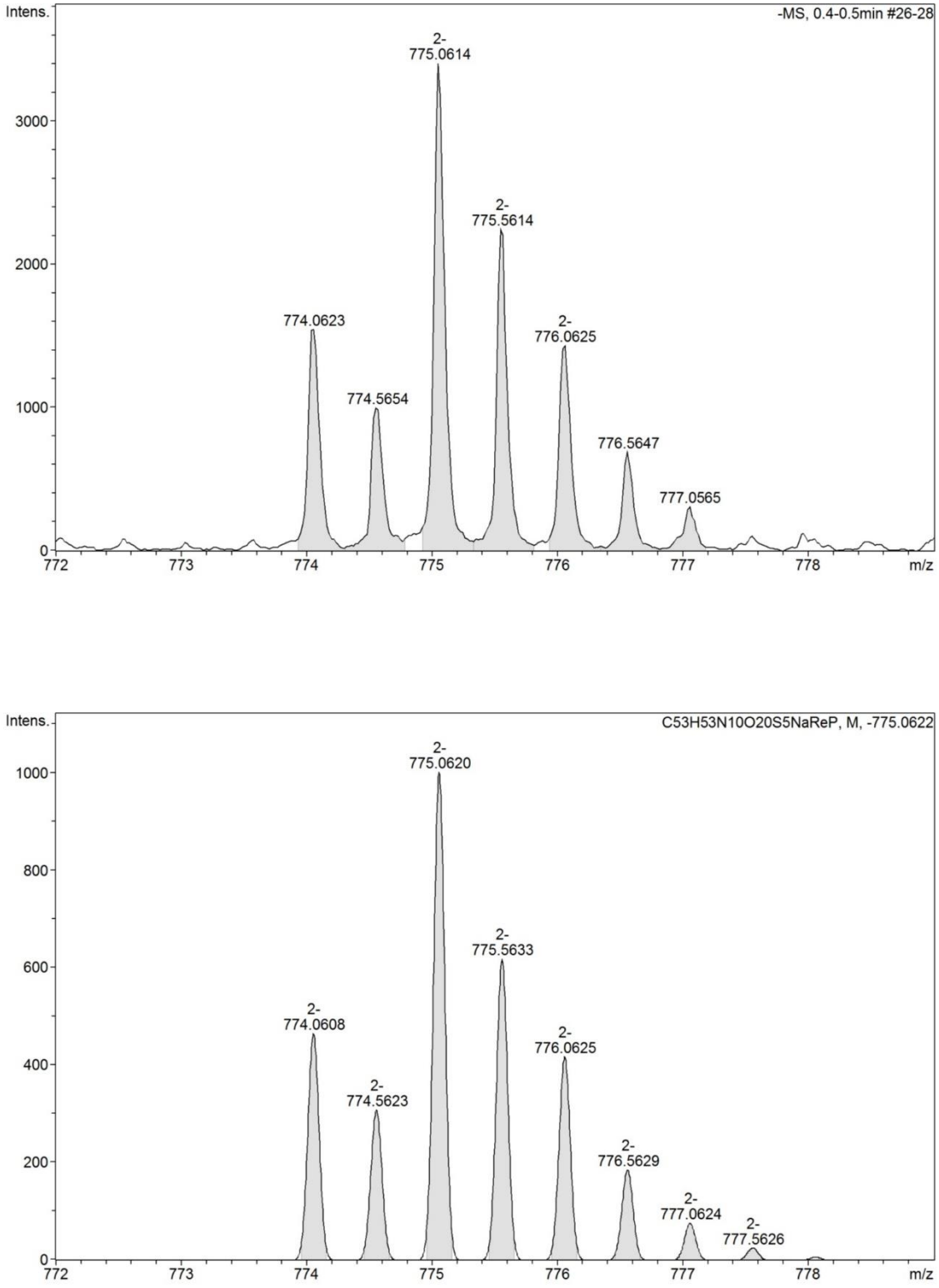

Figure S14. Spectrometric data for **3**$_{(Re)}$. Experimental (top) and calculated (bottom) for [M]-2Na$^+$.