ELECTRONIC SUPPLEMENTARY INFORMATION
for

Binding and recognition of AMP, ADP, ATP and related inorganic phosphate anions by protonated forms of a tren-based ligand containing a pyrimidine functionality

By

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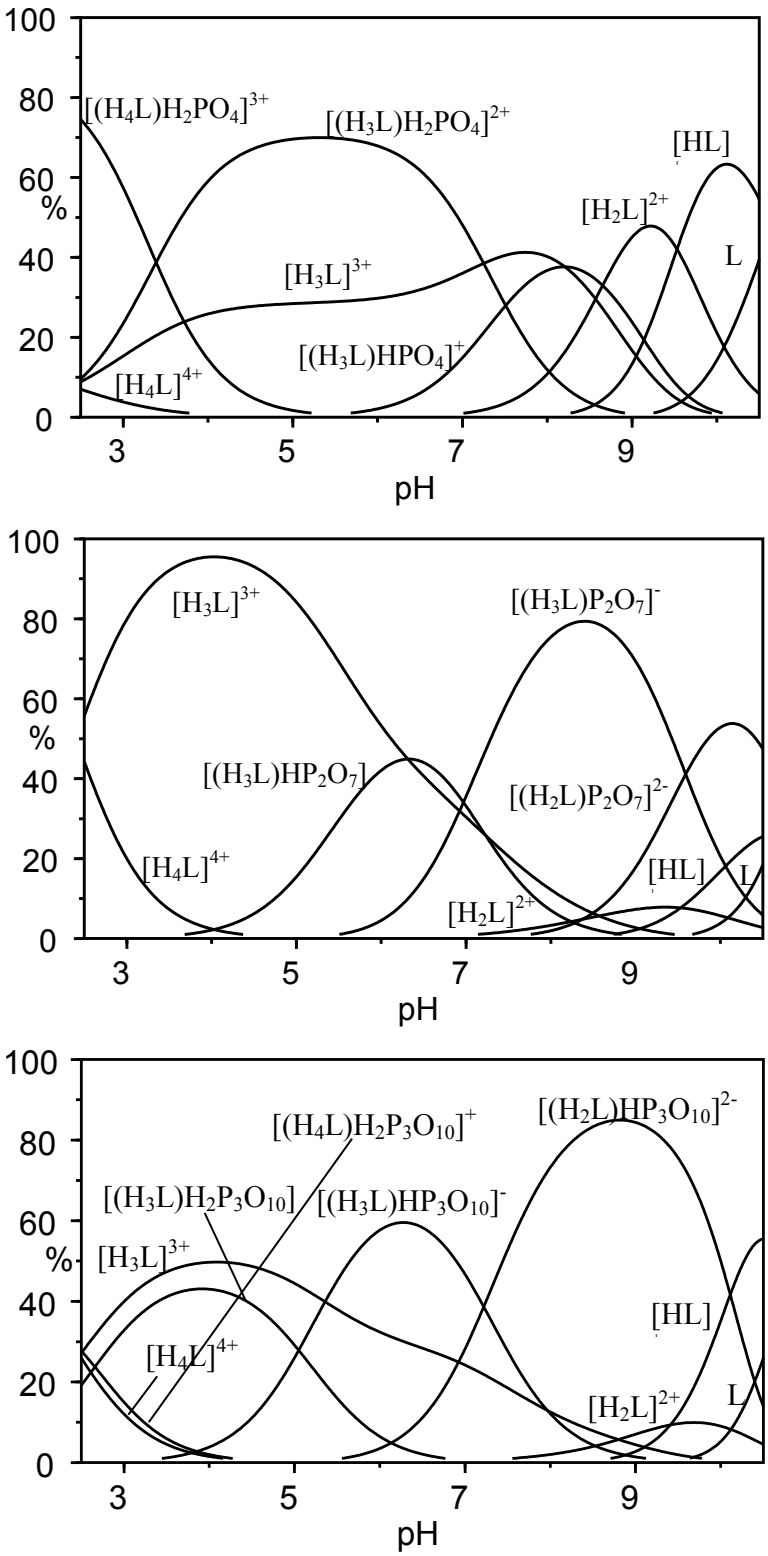

Figure S1. Distribution diagrams of the complexes formed by HL with phosphate, diphosphate and triphosphate. All reagents 1×10^{-3} M.

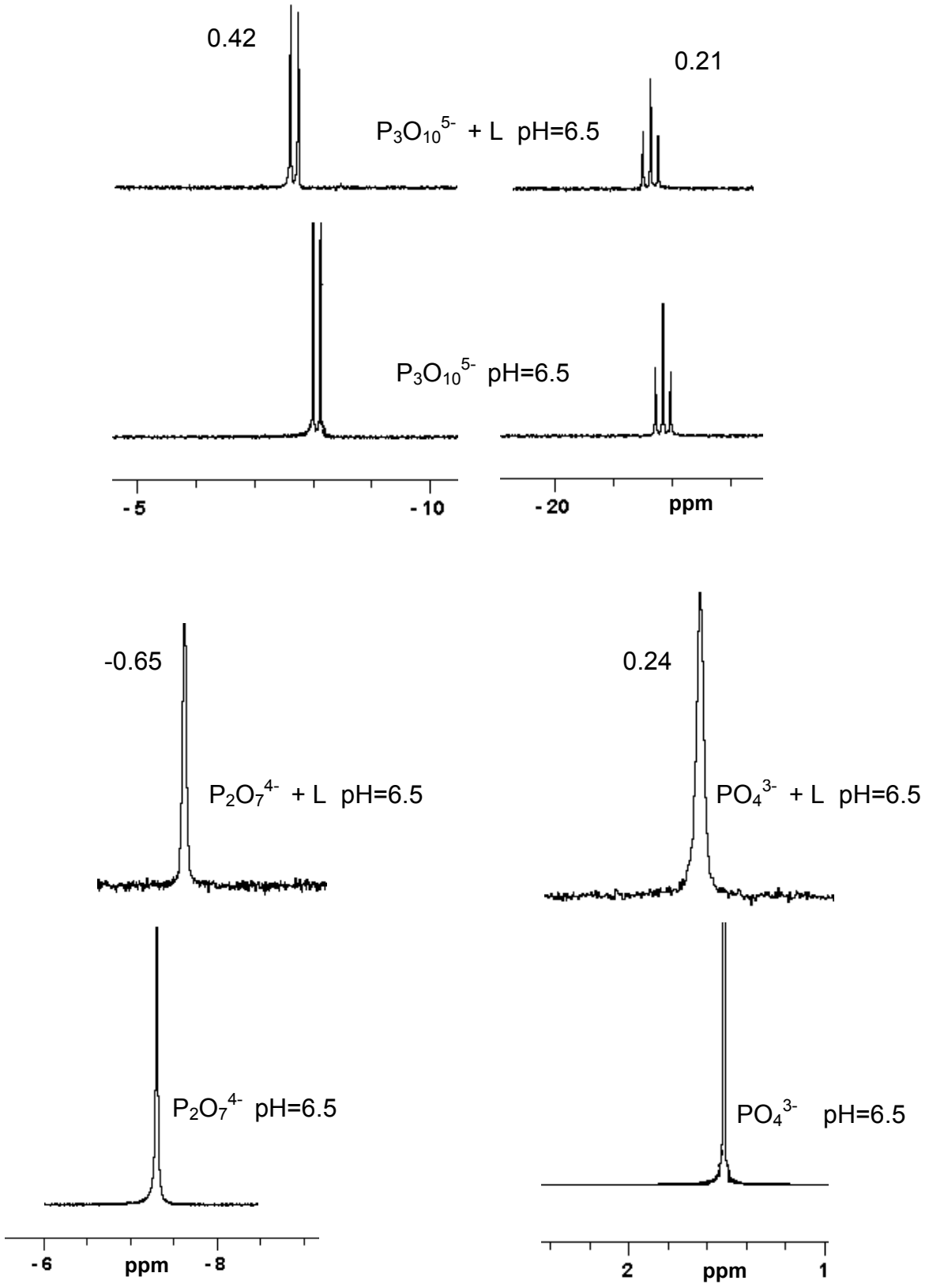

Figure S2. ^{31}P NMR spectra of phosphate, diphosphate and -triphosphate in the absence and in the presence of equimolar amounts of HL. CIS (for 100% complexation) are shown close to the picks.

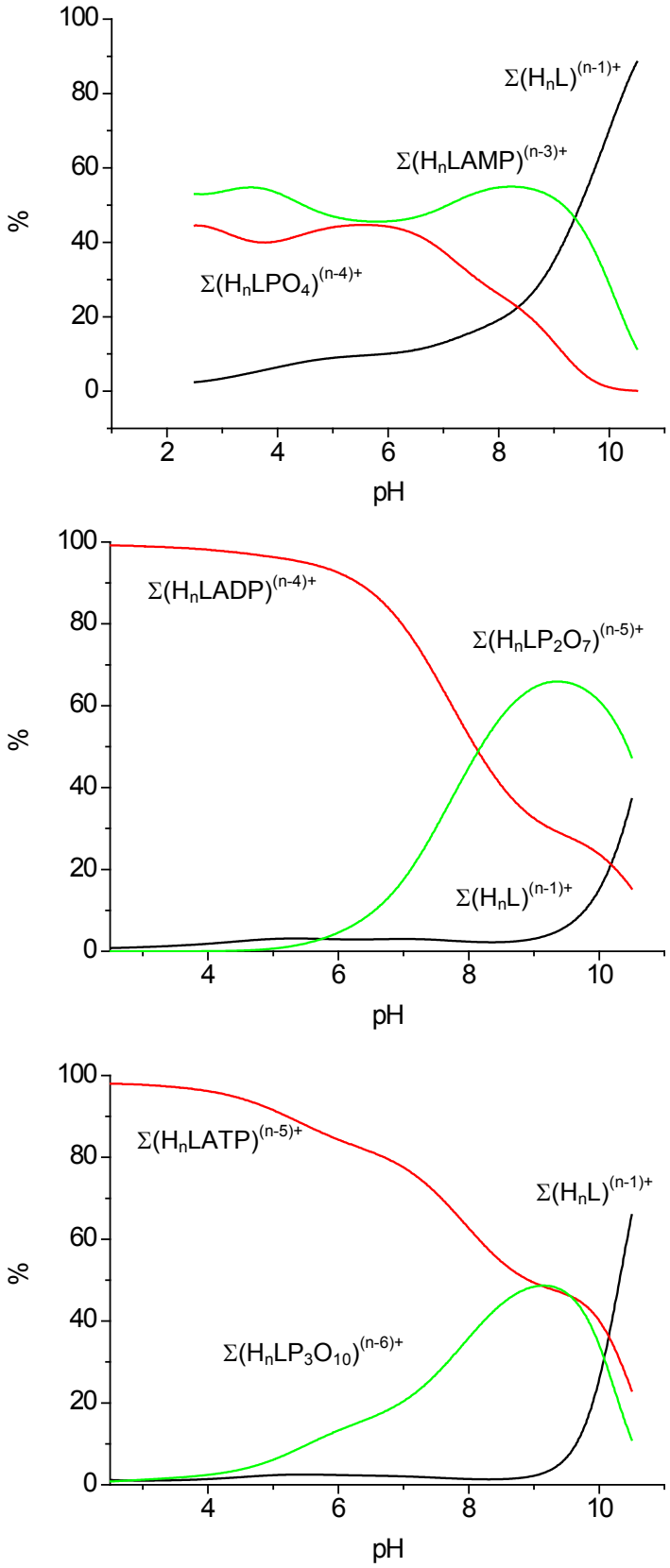

Figure S3. Selectivity diagrams calculated for the system HL/AMP, HL/ADP e HL/ATP showing the percentage of the overall concentration of receptor bound to each nucleotide as a function of pH. The overall concentration of free ligand is also shown. All reagents 1×10^{3} M.